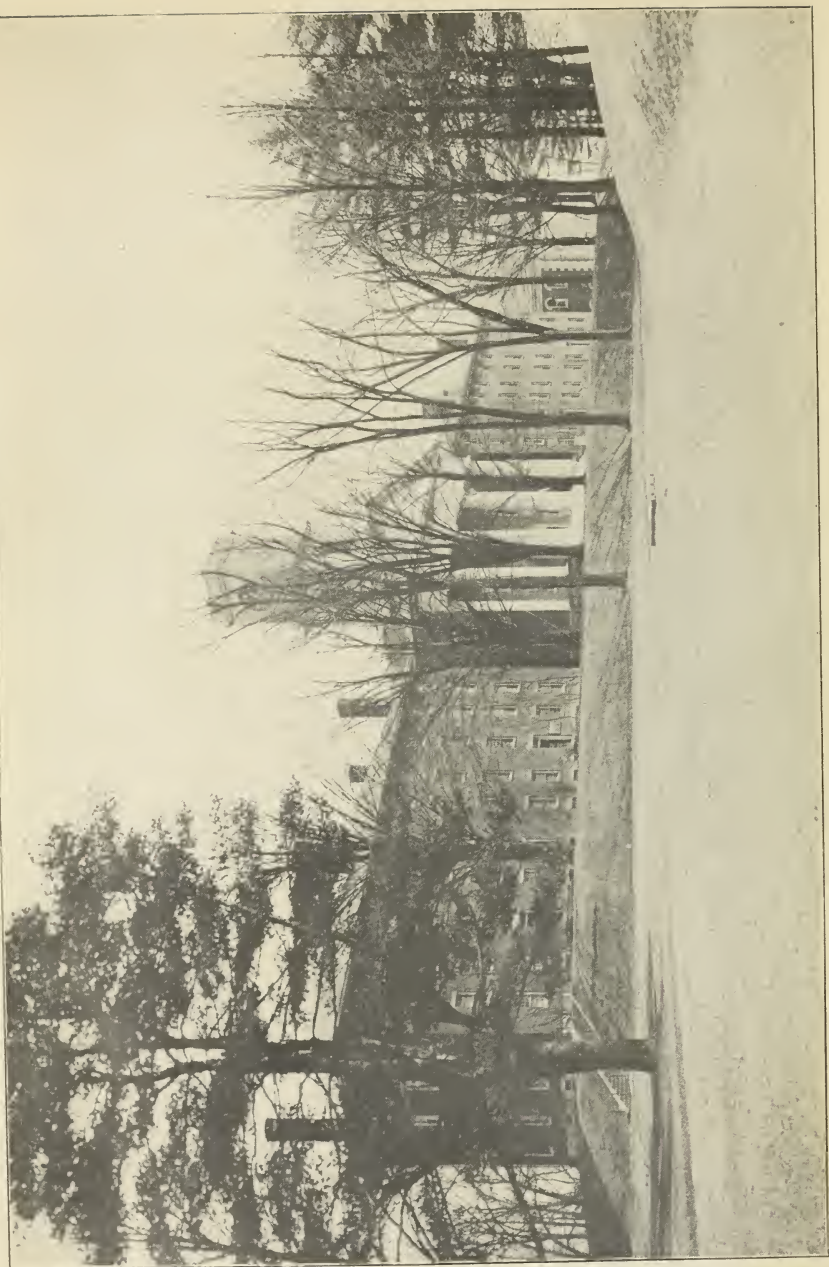




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AMHERST COLLEGE CATALOGUE

Amherst College Catalogue

For the Year
1914—1915



Amherst Massachusetts
Published by the College

1914

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College Calendar

1914

September	24, Beginning of the College Year	11:30 A.M. Thursday
October	8, Mountain Day, a holiday	
October	14-16, Porter Prize Entrance Examinations	
November	25-27, Thanksgiving Recess	12.20 P.M. Wed., 2.00 P.M. Friday
December	22, Christmas Recess begins	12.20 P.M. Tuesday

1915

January	5, Christmas Recess ends	2 P.M. Tuesday
February	2-10, Semester Examinations	

February	11, Second Half-year begins	Thursday
February	Day of Prayer for Colleges	Sunday
February	22, Washington's Birthday, a holiday	Monday
March	24, Spring Recess begins	12.20 P.M. Wednesday
April	6, Spring Recess ends	2 P.M. Tuesday
May	30, Memorial Day, a holiday	Monday
June	12, Preliminary Registration Day	Saturday
June	17-25, Semester Examinations	
June	14-19, Examinations for Admission	Monday to Saturday
June	27, Baccalaureate Sermon	Sunday
June	28, Hyde Prize Orations	Monday afternoon
June	28, Kellogg Prize Declamations	Monday evening
June	29, Class Day	Tuesday
June	29, President's Reception	Tuesday afternoon
June	29, Lawn Fête	Tuesday evening
June	30, Commencement Exercises	Wednesday morning
June	30, Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	16-22, Examinations for Admission	Thursday to Wednesday
September	23, Beginning of the College Year	11.30 A.M. Thursday
October	Mountain Day, a holiday	
October	13-15, Porter Prize Entrance Examinations	
December	21, Christmas Recess begins	12.20 P.M. Tuesday

1916

January	4, Christmas Recess ends	2 00 P.M. Tuesday
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Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE ARTHUR PLIMPTON, LL.D. New York, N. Y.

President of the Corporation

ALEXANDER MEIKLEJOHN, PH.D., LL.D.

President of the College Amherst, Mass.

PROF. WILLISTON WALKER, D.D. New Haven, Conn.

Secretary of the Corporation

GEORGE HENRY WHITCOMB, M.A. Worcester, Mass.

REV. WILLIAM HAYES WARD, D.D., LL.D.

New York, N. Y.

CHARLES MILLARD PRATT, M.A. Brooklyn, N. Y.

HON. CHARLES HERBERT ALLEN, LL.D.

New York, N. Y.

ARTHUR CURTISS JAMES, M.A. . New York, N. Y.

JOHN WOODRUFF SIMPSON, LL.D. New York, N. Y.

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Boston, Mass.

DEAN WILFORD LASH ROBBINS, D.D., LL.D.

New York, N. Y.

ARTHUR CHARLES ROUNDS, M.A. New York, N. Y.

PROF. ARTHUR LINCOLN GILLETT, D.D.

Hartford, Conn.

TALCOTT WILLIAMS, LL.D., LITT.D. New York, N. Y.

ROBERT ARCHEY WOODS, M.A. . . Boston, Mass.

REV. JOHN TIMOTHY STONE, D.D. . Chicago, Ill.

REV. GEORGE ATWATER HALL . Brookline, Mass.

HARRY WELTON KIDDER, B.A. . Amherst, Mass.

Treasurer of the Corporation

Officers of Administration

ALEXANDER MEIKLEJOHN, PH.D., LL.D., President
GEORGE DANIEL OLDS, LL.D., Dean of the Faculty
HARRY WELTON KIDDER, B.A., Treasurer
ALFRED SHEPARD GOODALE, B.A., Registrar
PAUL CHRYSOSTOM PHILLIPS, M.D., College Physician
RICHARD FRANCIS NELLIGAN, Director of Athletics
THEODORE AINSWORTH GREENE, B.A., Secretary of the
Christian Association and Religious Work Director
FREDERICK SCOULLER ALLIS, B.A., Secretary of the Alumni
Council

Overseers of the Charitable Fund

REV. JOHN M. GREENE, D.D. . . . Boston, Mass.
M. FAYETTE DICKINSON, M.A. . . . Amherst, Mass.
PROF. WILLIAM B. GRAVES, M.A. . . Andover, Mass.
JOHN C. HAMMOND, M.A. . . . Northampton, Mass.
LEWIS W. WEST, B.A. . . . Hadley, Mass.
REV. JAMES W. BIXLER, D.D. . . New London, Conn.
REV. CHARLES W. MERRIAM. . . Greenfield, Mass.
AMBERT G. MOODY, B.A. . . East Northfield, Mass.

HARRY WELTON KIDDER, B.A., *Commissioner*

Faculty

ALEXANDER MEIKLEJOHN, PH.D., LL.D., *President of the College, and Professor of Logic and Metaphysics*

President's House

GEORGE HARRIS, D.D., LL.D., *President Emeritus*

65 Central Park West, New York, N. Y.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty*

3 Orchard St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy*

85 Elm St., Worcester, Mass.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry*

Warsaw, N. Y.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology*

21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*

Amherst, Mass.

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*

8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory*

Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., L.H.D., *Professor of Literary and Biblical Interpretation*

20 Spring St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., LITT.D., *Professor Emeritus of Modern Government and International Law* 7 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Williston Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 3 Dana St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 2 Orchard St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics* 1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Parmly Billings Professor of Hygiene and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy* 8 Orchard St.

WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy* Sunset Ave.

CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German Language and Literature* 18 Northampton Road

*FREDERIC LINCOLN THOMPSON, M.A., *Winkley Professor of History* 63 South Pleasant St.

HENRY CARRINGTON LANCASTER, PH.D., *Professor of Romance Languages* 4 Dana St.

HOWARD WATERS DOUGHTY, PH.D., *Professor of Chemistry* 125 South Pleasant St.

LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of Physics* 45 Lincoln Ave.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of History* 31 Northampton Road

ARTHUR HENRY BAXTER, PH.D., *Associate Professor of Romance Languages* 34 Lincoln Ave.

JOHN CORSA, M.A., *Associate Professor of Public Speaking* 25 Amity St.

OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German* 25 College St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of English* 83 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 13 Lincoln Ave.

* Absent on leave.

X JOHN MAURICE CLARK, PH.D., *Associate Professor of Economics*
Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hygiene and Physical Education*
11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Associate Professor of English*
4 Orchard St.

PERCY ROBERT CARPENTER, B.A., *Associate Professor of Hygiene and Physical Education*
Kendrick Place

CHARLES HANSEN TOLL, PH.D., *Associate Professor of Philosophy*
Snell St.

LAURENCE HOUGHTON PARKER, B.A., *Associate Professor of Mathematics*
4 South Prospect St.

X HERBERT PIERREPONT HOUGHTON, PH.D., *Associate Professor of Latin*
9 College Ave.

ALFRED SHEPARD GOODALE, B.A., *Associate Professor of Botany, and Registrar*
3 Parsons St.

+ CHARLES WIGGINS COBB, PH.D., *Associate Professor of Mathematics*
Mt. Doma

X CLARENCE EDWARD ANDREWS, PH.D., *Associate Professor of English*
Mt. Doma

WILLIAM RADER WESTHAFFER, M.A., *Associate Professor of Physics*
9 Woodside Ave.

CHARLES ERNEST BENNETT, PH.D., *Associate Professor of Latin*
6 Tyler Place

WILLIAM ISAAC FLETCHER, M.A., *Librarian Emeritus*
54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Otis Librarian*
13 Lincoln Ave.

CLARENCE EDGAR SHERMAN, B.S., *Assistant Librarian*
67 South Pleasant St.

JOHN BROWN ZINN, PH.D., *Instructor in Chemistry*
Bank Block

RAYMOND GARFIELD GETTELL, A.M., *Lecturer in Social and
Economic Institutions* 63 South Pleasant St.

ANSON ELY MORSE, PH.D., *Lecturer in History*
2 College St.

————— *Lecturer on Clyde Fitch Foundation*

————— *Henry Ward Beecher Lecturer*

—————
GEORGE WASHINGTON KIRCHWEY, LL.D., *William Brewster
Clark Memorial Lecturer*

—————
RALPH WHEATON WHIPPLE, B.S., *Assistant in Geology*
Morris Pratt Memorial Dormitory

PHILLIPS FOSTER GREENE, *Assistant in Biology*
Delta Upsilon House

CARL WILLIS HYLAND, *Secretary of the Department of Hy-
giene and Physical Education* 77 South Pleasant St.

GERTRUDE ELIZABETH BROWN, *Secretary to the President*

Committees of the Faculty

Administration: The PRESIDENT, the DEAN, the REGISTRAR, Professors TYLER, COWLES, ESTY, HOPKINS, NEWLIN

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CHURCHILL, CROOK, ESTY, LOOMIS, TOLL, EASTMAN, LANCASTER

Library: The PRESIDENT, the TREASURER, the LIBRARIAN, Professors TYLER, CROOK, OLDS, LANCASTER, BIGELOW, COWLES, DOUGHTY

Catalogue: The PRESIDENT, the REGISTRAR, Professors SMITH, UTTER

Admission: The PRESIDENT, the DEAN, the REGISTRAR

Board of Public Exhibitions: Faculty members: Professors CHURCHILL, NEWLIN, CORSA

Athletics: Professors PHILLIPS, CLARK, CROOK, LOOMIS, STOWELL

Fellows

GEORGE BRUNER PARKS, B.A., *Kellogg University Fellow*
Columbia University, New York, N. Y.

FRANK CHRISTOPHER BROUGH, B.S., *Edward Hitchcock Fel-*
low Amherst, Mass.

—————, *Roswell Dwight Hitchcock Fellow*

JOHN CUTHBERT LONG, B.A., *South End House Fellow*
Boston, Mass.

List of College Preachers

1913-14

Prof. TALCOTT WILLIAMS, LL.D., LITT.D.	New York, N.Y.
Rev. ALEXANDER H. ABBOTT	Albany, N. Y.
Rev. HORACE F. HOLTON	St. Louis, Mo.
President ALBERT P. FITCH, D.D.	Cambridge, Mass.
President WM. DEWITT HYDE, D.D., LL.D.	Brunswick, Me.
Dean WILFORD L. ROBBINS, D.D., LL.D. . .	New York, N. Y.
Rev. WILLIS H. BUTLER	Boston, Mass.
Rev. FRANK P. GOODWIN, D.D.	Westfield, N. J.
Rev. JASON NOBLE PIERCE	Dorchester, Mass.
President W. H. P. FAUNCE, D.D., LL.D. .	Providence, R. I.
Rev. R. W. McLAUGHLIN	Brooklyn, N. Y.
Rev. JAY T. STOCKING, D.D.	Washington, D. C.
Rev. GEORGE H. FERRIS	Philadelphia, Pa.
President MARION L. BURTON, D.D., LL.D.	
	Northampton, Mass.
Dean EDMUND S. ROUSMANIERE	Boston, Mass.
Rev. LEWIS T. REED	Brooklyn, N. Y.
Rev. AUGUSTUS M. LORD	Providence, R. I.
President RUSH RHEES, D.D., LL.D. . . .	Rochester, N. Y.
President JOHN M. THOMAS, D.D., LL.D.	Middlebury, Vt.
Rev. MALBONE H. BIRCKHEAD	New York, N. Y.
Rev. EDWIN H. VAN ETEN	New York, N. Y.
Rev. CORNELIUS H. PATTON, D.D.	Boston, Mass.
Rev. CHARLES E. EWING	Tientsin, China
Prof. JOHN F. GENUNG, D.D., L.H.D. . .	Amherst, Mass.
Rev. ADELBERT P. HIGLEY	Troy, N. Y.
Rev. NEHEMIAH BOYNTON, D.D.	Brooklyn, N. Y.

President Emeritus GEORGE HARRIS, D.D., L.H.D.

New York, N. Y.

Rev. HENRY P. DEWEY, D.D. . . . Minneapolis, Minn.

Rev. CHARLES S. MILLS, D.D. . . . Montclair, N. J.

Prof. WALTER G. EVERETT, PH.D. . . . Providence, R. I.

Rev. GEORGE A. GORDON, D.D. . . . Boston, Mass.

Rev. EDWARD F. SANDERSON . . . Brooklyn, N. Y.

President ALEXANDER MEIKLEJOHN, PH.D., LL.D.

Amherst, Mass.

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term time. There is a Christmas Recess of two weeks, a Spring Recess of two weeks, and a Summer Vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published at the beginning of the year. Rules regarding examinations, delinquencies, and absences, are published in the Undergraduate Course Book.

TERM BILLS AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and forty dollars for the year, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.

Each member of the Senior class is required to pay a graduation fee of six dollars at the beginning of the second semester of Senior year.

LABORATORY FEES

Physics	{ First year, each semester	\$5.00
	{ Second and third years, each semester	7.00
Biology	{ First year, each semester	3.00
	{ Second and third years, each semester	5.00
	{ Seniors in special laboratory courses, each semester	5.00
Chemistry	{ First year, first semester	5.00
	{ First year, second semester	4.00
	{ Second, third, and fourth years, each semester	10.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, not including clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:

	Low	Moderate	Liberal
Tuition	\$140.00	\$140.00	\$140.00
Room (one half)	42.50	55.00	112.50
Furniture (annual average)	10.00	20.00	30.00
Board thirty-six weeks	198.00	216.00	252.00
Fuel and light	10.00	15.00	25.00
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	\$400.50	\$446.00	\$668.50

The dormitories accommodate about two hundred students, and the fraternity houses about two hundred and fifty. Rooms can be rented at moderate rates in private houses. Board is furnished at various places in the town, at prices of from five to seven dollars a week.

ATTENDANCE AT CHURCH AND CHAPEL

Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

Absences from chapel services are allowed upon an average of once a week for each semester; from the Sunday services, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain his health and increase his physical efficiency.

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors November first. A limited number of students are excused from attendance at the gymnasium while they are actively training for one of the athletic teams of the college.

The members of each class except Seniors are required to exercise regularly three times every week, during the Autumn and Winter terms. During the autumn the prescribed work is taken outdoors at Hitchcock Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more seems to be the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

REPORTS OF STANDING

Rank in each subject is reported as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent; D, 60-69 per cent; E, 50-59 per cent; F, below 50 per cent; the passing grade in all departments is 60 per cent.

EXTRA COURSES

A student who has an average of not less than 75 per cent in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable

the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee. A student who, by reason of failing in one course the first semester, takes only four courses in the second semester, may, if he maintains a standing of 75 per cent in those courses, take six courses the following year.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the Registrar for approval. During the year a member of the Faculty will be assigned as his adviser and the student will be expected to consult him as to his course in general and upon any other subject related to his college life whenever he feels the need.

Degrees

DEGREE OF BACHELOR OF ARTS

CANDIDATES for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55-59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70 per cent. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93 per cent, *magna cum laude* at 88 per cent, and *cum laude* at 80 per cent.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses. The whole course of study must be arranged in accordance with the plan on pages 55-59. They must also in order to graduate have no outstanding deficiencies in the work of any semester, and must attain an average grade of 70. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve courses required, but Mathematics 1, 2 of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language, Sophomore English, and first year Physics in the Sophomore

year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B. A. degree.

Candidates for the degree of Bachelor of Science will not be received in the class of 1918 or any subsequent class.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, in addition to the required work in declamation and hygiene in order to obtain a degree in three years. Written notice of intention to complete the course in three years must be given to the Registrar at the beginning of the first year.

GRADUATION IN THREE AND ONE-HALF YEARS

A student may complete the course in three and one-half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one-half years must be given to the Registrar at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

DEGREE OF MASTER OF ARTS

Every candidate for the degree of Master of Arts must make application to the Committee on Instruction for permission to enter upon a course of study for the degree. The application for the degree must be made not later than December 1 by candidates who complete the work for the Bachelor's degree at the end of the first semester of Senior

year, and who wish to apply the remainder of the year to studies leading to the Master's degree. For this purpose a blank may be obtained from the Registrar. On this blank the applicant must indicate the department in which he wishes to pursue his major course of study, and return his application to the Registrar. If this preliminary application is accepted by the Committee on Instruction the applicant will be notified of that fact, and also of the name of the professor whom he must consult as to the selection of all his courses, and under whose general direction his courses will be pursued.

The applicant must select four courses, two in the department of his major subject, and two others, known as a minor, in other departments unless exception be made by the Committee on Instruction. The standard of work for each candidate is a minimum grade of 80 in each of his courses. The amount of work done must be acceptable to the teachers concerned and the Committee on Instruction. Special examinations may be given at any time at the will of the teacher. A final examination in each course is held in the case of every candidate for the Master's degree, and this final examination is at least partly oral. The oral examination is open to all members of the faculty, and they are allowed to question the candidate as they desire.

From every candidate there is also required a thesis on such subject and under such conditions as are set by the head of the major department, and this thesis must be accepted and approved by him before the candidate is admitted to the final examination.

Candidates are expected to appear in person at the conferring of the degree.

Communications relative to the degree should be addressed to the Secretary of the Committee on Instruction, in care of the Registrar.

Degrees Conferred June 24, 1914

Bachelor of Arts

Magna Cum Laude

Bliss, Mervin Washington
Carpenter, John Tilney

Lawrence, Ralph Alphonso
Whiteford, Cameron

Cum Laude

Bliss, Percival Floyd
Chamberlain, Sydney Dakin
Childs, Maurice Frederick
Ferris, Frank Halliday
Finch, Frank Clifford
Glann, Charles
Glass, Fred Everett
Gundaker, Guy Harry
Hickson, Leslie Matheson
Humphries, George Rolfe

Jewett, Harold Ernest
Long, John Cuthburt
Luce, Hallock, Jr.
Mallon, Alfred Edward
Mills, Charles Morris
Morse, George Verdi
Payne, Philip West
Shumway, Lowell
Tramontana, George Benedict

Rite

Bernero, Frank Ambrose
Beyer, Emil Henry
Brown, Donald Howlett
Buffington, Kenneth
Cobb, Edward Sprague
Donohue, Jeremiah Joseph
Firman, Royal
Gaunt, Merrill Stanton
Greene, Walter Farrar
Hanford, Robert Clinton
Hardy, Paul Wallace
Hersh, Austin Herman
Hough, John Kenneth
Hubbard, Silas Graves
Hubbard, Theodore Horace
Hull, Allen Birdsall
Kimball, James Richard
Lewis, Arthur John

Mitchell, John Houston
Moulton, Charles Henry
Murphy, Robert John
Richmond, Clinton Whitman
Rugg, Clarence DeWitt
Rugg, Charles Parks
Shattuck, Wendell Phillips
Shaw, Harold Eden
Shrewsbury, Kenneth Oldham
Smart, Daniel Stevenson
Smith, Walton Kimball
Stafford, Fred William
Suydam, Frederick Dorfinger
Taylor, Howard Scattergood
Tierney, John James
Van Ingen, Richard Storrs
Wiltsie, George Harold
Young, Roswell Philip

Bachelor of Science

Rite

Bedford, Frederick Henry, Jr.	McGay, Walter Howard
Brough, Frank Christopher	Miller, Tilford Wentworth
Burdick, Percy Jay	Morrow, William Otway
Butler, Earle Dudley	Outwater, John Ogden
deCastro, Allen John	Renfrew, Franklin Ward
Child, John Randall	Seymour, Marlor Boardman
Cushman, Solomon Frederick, Jr.	Sicard, Hugh Charles
Fallass, Charles Henry	Strahan, John Windrum, Jr.
Huthsteiner, Louis	Washburn, George Edward
Kimball, Richard Montague	Whipple, Ralph Wheaton
Livingstone, Colin	Whittemore, Ernest Arthur

Honorary Degrees

DOCTOR OF DIVINITY
EUGENE WILLIAM LYMAN

DOCTOR OF LETTERS
EDWIN AUGUSTUS GROSVENOR
HENRY CLAY FOLGER

DOCTOR OF LAWS
HENRY CLAY HALL
WILLIAM HOWARD TAFT

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman Class, together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year.

LIST OF SUBJECTS

Biology	$\frac{1}{2}$ point
Botany	$\frac{1}{2}$ point
Chemistry	1 point
English 1	2 points
2	1 point
French A	2 points
B	1 point
German A	2 points
B	1 point
Greek A, B	2 points
C, H, F	1 point
Harmony (Music B)	1 point
History A, B, C, D	1 point each
Latin 1	1 point
2	1 point
4	1 point
5	1 point
Mathematics A (A 1 + A 2)	$1\frac{1}{2}$ points
A 1	1 point

Mathematics	A 2	$\frac{1}{2}$ point
	C	1 point
	B, D, F	$\frac{1}{2}$ point each
Physics		1 point
Physiography		1 point
Physiology		$\frac{1}{2}$ point

REQUIREMENTS FOR ADMISSION TO THE BACHELOR OF ARTS COURSE

All candidates for admission to the course leading to the degree of Bachelor of Arts must present entrance credits amounting to fourteen points. The subjects presented must include Latin or Greek, English, Mathematics and History. The total requirement may be met in any one of the three ways described in the following groups.

GROUP 1

Latin 1, 2, 4, 5
 Greek A, B, C, H, F
 Mathematics A, C
 English 1 and 2
 History A

In addition at least one-half point must be made from the list on pages 28-29.

GROUP 2

- { Latin 1, 2, 4, 5 and Greek A, B
 or
 { Greek A, B, C, H, F and Latin 1, 2, 4
 Mathematics A and C
 English 1 and 2
 History A

In addition at least one and one-half points must be made from the list on pages 28-29.

GROUP 3

- { Latin 1, 2, 4, 5
 or
 { Greek A, B, C, H, F
 Mathematics A and C
 English 1 and 2
 History A

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, must be made from the list on pages 28-29. Two of these points must be a modern language.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

For admission to a special course not leading to a degree, every candidate must present twelve points, which must include the following elementary subjects:

- Mathematics A and C
 English 1 and 2
 History A or B or C or D
 Chemistry or Physics

And one point from the following advanced subjects:

Mathematics B, D, F

French B

German B

And three and one-half points from the list on pages 28-29.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoölogy in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one-half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the in-

structor. No credit will be given for an herbarium. The following text-books are recommended: Atkinson's *Botany for Schools*, Bergen's and Caldwell's *Practical Botany*, Stevens' *Introduction to Botany*.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

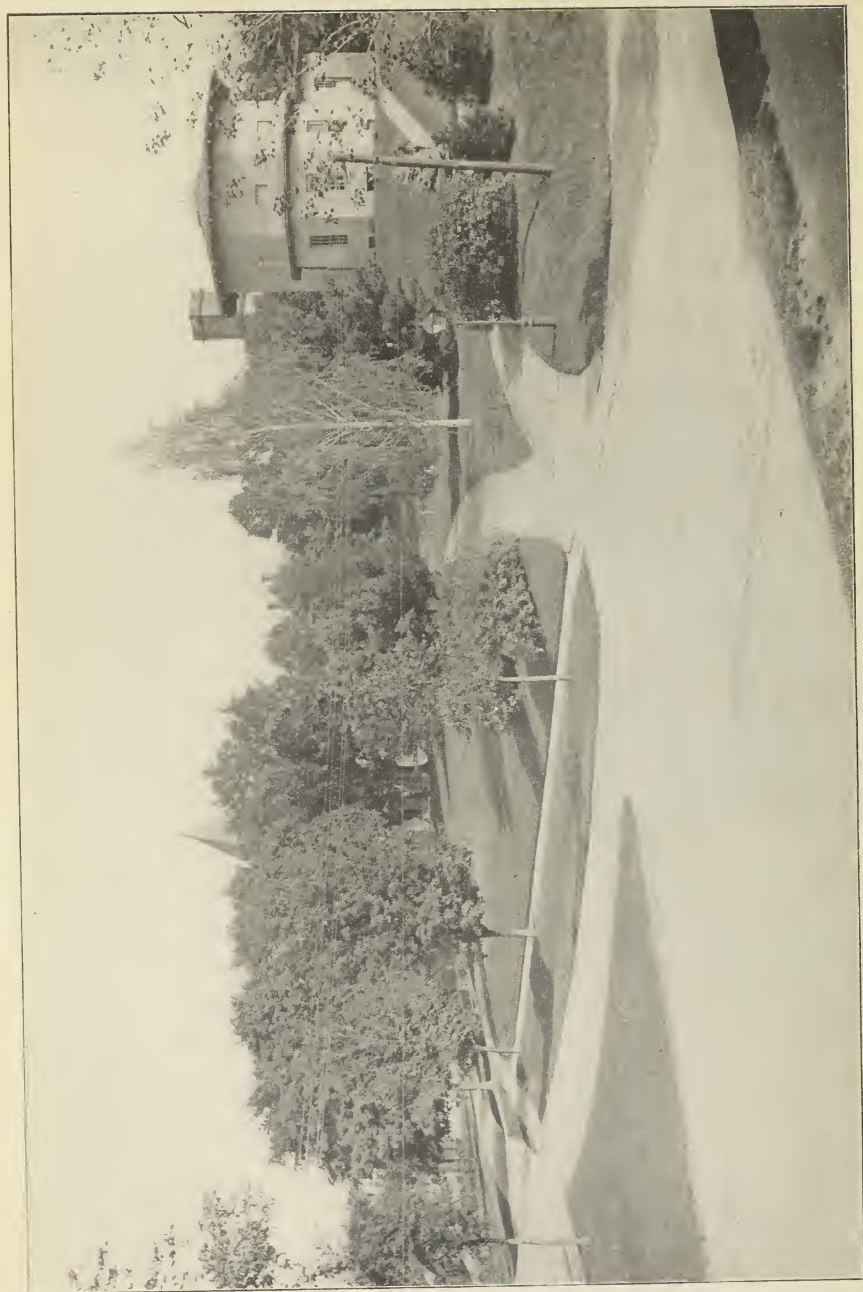
Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; balance; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

ENGLISH

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary-school period. Written exercises should comprise narration, description, easy exposition, argument, and letter-writing. It is advisable



ENTRANCE TO THE GROUNDS

that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and be encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with the place assigned to them in literary history.

A. READING.*—The aim of this course is to foster the habit of intelligent reading and to develop a taste for good literature by giving the student a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1915–1919:

To allow a large freedom of choice, the books provided for reading are arranged in the following groups, from each of which at least two selections are to be made, except as otherwise provided under Group I.

*The requirements here given are those recommended by the National Conference on Uniform Entrance Requirements in English for 1915–19. Substitutions in these lists may be accepted, provided they are submitted to the Registrar on or before the first day of February preceding the examination.

GROUP I. CLASSICS IN TRANSLATION.—The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther. The Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII. The Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; the Æneid.

(The Odyssey, Iliad, and Æneid should be read in English translations of recognized literary excellence.)

For any selection from this group a selection from any other group may be substituted.

GROUP II. SHAKESPEARE.—*Midsummer Night's Dream, Merchant of Venice, As You Like It, Twelfth Night, The Tempest, Romeo and Juliet, King John, Richard II, Richard III, Henry V, Coriolanus, Julius Cæsar, Macbeth, Hamlet.**

GROUP III. PROSE FICTION.—Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield*; Frances Burney, *Evelina*; Scott's Novels, any one; Jane Austen's Novels, any one; Maria Edgeworth, *Castle Rackrent*, or *The Absentee*; Dickens' Novels, any one; Thackeray's Novels, any one; George Eliot's Novels, any one; Mrs. Gaskell, *Cranford*; Kingsley, *Westward, Ho!* or *Hereward, the Wake*; Reade, *The Cloister and the Hearth*; Blackmore, *Lorna Doone*; Hughes, *Tom Brown's Schooldays*; Stevenson's *Treasure Island*, or *Kidnapped*, or *Master of Ballantrae*; Cooper's Novels, any one; Poe, Selected Tales; Hawthorne, *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of Short Stories by various standard writers.

GROUP IV. ESSAYS, BIOGRAPHY, ETC.—Addison and Steele, *The Sir Roger de Coverley Papers* or Selections from

* If not chosen for study under B.

the *Tatler* and *Spectator* (about 200 pages); Boswell, Selections from the *Life of Johnson* (about 200 pages); Franklin *Autobiography*; Irving, Selections from the *Sketch Book* (about 200 pages) or *Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, Selections from the *Essays of Elia* (about 100 pages); Lockhart, Selections from the *Life of Scott* (about 200 pages); Thackeray, Lectures on Swift, Addison, and Steele in the *English Humourists*; Macaulay, any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; Trevelyan, Selections from the *Life of Macaulay* (about 200 pages); Ruskin, *Sesame and Lilies* or Selections (about 150 pages); Dana, *Two Years before the Mast*; Lincoln, Selections, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, Selected Essays (about 150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *An Inland Voyage and Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education* and *A Piece of Chalk*; A collection of Essays by Bacon, Lamb, De Quincey, Hazlitt, Emerson, and later writers. A collection of Letters by various standard writers.

GROUP V. POETRY.—Palgrave, *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave, *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish Ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Beichan*, *Bewick* and *Gra-*

hame, *Sir Patrick Spens*, and a selection from later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott, *The Lady of the Lake* or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Irvy*; Tennyson, *The Princess*, or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning, *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, “*De Gustibus—*,” *Instans Tyrannus*; Arnold, *Sohrab and Rustum*, and *The Forsaken Merman*; Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

B. STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. The books provided for study are arranged in four groups, from each of which one selection is to be made.

GROUP I. DRAMA.—Shakespeare, *Julius Cæsar*, *Macbeth*, *Hamlet*.

GROUP II. POETRY.—Milton, *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson, *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; The Selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III. ORATORY.—Burke, *Speech on Conciliation with America*; Macaulay's two *Speeches on Copyright* and Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

GROUP IV. ESSAYS.—Carlyle, *Essay on Burns*, with a selection from Burns' Poems; Macaulay, *Life of Johnson*; Emerson, *Essay on Manners*.

EXAMINATION

However accurate in subject matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which will be on grammar and composition, and the other on literature.

1. *Grammar and Composition*

In grammar and composition the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors. The main test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books read, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps eight or ten, from which the candidate may make his own selections. He will not be expected to write more than four hundred words per hour.

2. *Literature*

The examination in literature will include:

A. General questions designed to test such a knowledge and appreciation of literature as may be gained by fulfilling the requirements defined under (a) READING, above. The candidate will be required to submit a list of the books read

in preparation for the examination, certified by the principal of the school in which he was prepared; but this list will not be made the basis of detailed questions.

B. A test on the books prescribed for study, which will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions, as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 85 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the read-

ing of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon*; Legouvé and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mairét, *La Tâche de petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcey, *Le Siège de Paris*; Verne's stories.

B. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La Belle-Nivernaise*; La Brète, *Mon Oncle et mon Curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute*; Labiche's

plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des Temps Mérovingiens*; Thiers, *L'Expédition de Bonaparte en Egypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 71 for college courses which correspond to the work prescribed for preparation.

A. ELEMENTARY GERMAN

The preparation should comprise a thorough drill in elementary grammar and composition and enough reading of texts classified as elementary by the Committee of Twelve or in the publishers' catalogues to enable the pupils to read simple German at sight. Oral work is of great value if the subject is to be continued in college. Two years are necessary as preparation.

B. INTERMEDIATE GERMAN

Continued drill in the rudiments of grammar and the more difficult points of syntax to enable the pupil to use his knowledge with facility in forming sentences and to state his knowledge correctly in the technical language of grammar. There should be enough reading of the masterpieces of the eighteenth century and of other intermediate texts to enable the pupil to read more difficult prose at sight. Oral work is of great value if the subject is to be continued in college. One year in addition to the work under elementary German A is necessary.

GREEK

ELEMENTARY GREEK

A 1. Greek grammar.

2. Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

B. Xenophon's *Anabasis*, Books I-IV.

ADVANCED GREEK

C. Homer's *Iliad*, Books I-II (omitting Book II 494-end) and the Homeric forms, constructions, idioms and prosody.

F. Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

H. Translation of passages of Homer at sight.

HISTORY

(Including Historical Geography)

A. Ancient History, including the history of Greece to the death of Alexander and the history of Rome to 814 A. D.

B. Mediæval and Modern History, from 814 to the present time.

C. English History.

D. American History.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin.

AMOUNT AND RANGE OF READING REQUIRED

The Latin reading required of candidates for admission to College, without regard to the prescription of particular

authors and works, shall be not less *in amount* than Cæsar, *Gallic War*, I-IV; Cicero, the *Orations against Catiline*, for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I-VI.

The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (*Orations*, *Letters*, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Æneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

SUBJECTS AND SCOPE OF THE EXAMINATION

Translation at Sight. Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

Prescribed Reading. Candidates will be examined also upon the following prescribed reading: Cicero, *Orations for the Manilian Law* and for *Archias*, and Vergil, *Æneid*, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

Grammar and Composition. The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

1. Grammar.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

2. Elementary Prose Composition.—The examination will presuppose the reading of the required amount of prose, including the prose works prescribed.

4. Cicero (*Orations for the Manilian Law and for Archias*) and Sight Translation of Prose.

5. Vergil (*Æneid*, I, II, and either IV or VI, at the option of the candidate) and Sight Translation of Poetry.

MATHEMATICS

ELEMENTARY MATHEMATICS

A 1. Elementary algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring; fractions, including complex fractions, and ratio and proportion; linear equations, both numerical and literal, containing one or more unknown quantities; problems depending on linear equations; radicals, including the extraction of the square root of polynomials and of numbers; exponents, including the fractional and the negative.

A 2. Quadratic equations, both numerical and literal; simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations; problems depending on quadratic equations, the binomial theorem for positive integral exponents; the formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting

questions into equations. Some of these problems should be chosen from mensuration, physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

C. Plane geometry.

The usual theorems and constructions of good text-books including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle; the solution of numerous original exercises, including loci problems; applications to the mensuration of lines and plane surfaces.

ADVANCED MATHEMATICS

B. Advanced algebra.

Permutations and combinations, limited to simple cases; complex numbers, with graphical representation of sums and differences; determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations; numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

D. Solid geometry.

The usual theorems and constructions found in good text-books, including the relations of planes, and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle; the solution of numerous original exercises, including loci problems; applications to the mensuration of surface and solids.

F. Plane trigonometry.

Definitions and relations of the six trigonometric functions

as ratios; circular measurement of angles; proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines, or two cosines, etc., the transformation of trigonometric expressions by means of these formulas; solutions of trigonometric equations of a simple character; theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate given by a preparatory school will be accepted for work in solid geometry, advanced algebra, or plane trigonometry.

MUSIC B. (Harmony)

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys; (2) a knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should in-

clude careful study of the whole subject as presented in some good text-book of high school grade, and the student should perform not less than thirty-five experiments requiring careful measurements. The candidate will be examined in the principles of the subject and his proficiency tested by problems such as those in the examination of the College Entrance Examination Board.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis' *Elementary Physical Geography*, with laboratory work and excursions for observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text-Book in General Physiology and Anatomy*.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recommendation by the Principal of the school which candidates have attended they are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. Credits given for preliminary examinations are valid for fifteen months only, and a higher passing grade is required. Candidates are advised to reserve for their final examinations the following subjects: Greek C and F, Latin 5, Mathematics A or C, and English 2.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations of 1915

In June, 1915, the admission examinations of this College will be the examinations of the College Entrance Examination Board of which this College is a member. The examinations will be held during the week June 14-19, 1915.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, May 31, 1915; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 24, 1915; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 10, 1915.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidate concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada, and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1915, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the College in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Thursday, Friday, Saturday, Monday, Tuesday, and Wednesday, September 16-22, 1915.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in College.

The order of examinations in September is as follows:

FIRST DAY—SEPT. 16

8.30–10.30 A.M.	Latin 4
10.45 A.M.–12.30 P.M.	Latin 2
2.00–4.00 P.M.	Latin 5
4.15–6.00 P.M.	French B

SECOND DAY—SEPT. 17

8.30–10.30 A.M.	Mathematics C
10.45 A.M.–12.30 P.M.	Mathematics D
2.00–4.00 P.M.	German A
4.15–6.00 P.M.	History A, C

THIRD DAY—SEPT. 18

8.30–10.30 A.M.	Physics
10.45 A.M.–12.30 P.M.	Latin 1
2.00–4.00 P.M.	French A
4.15–6.00 P.M.	German B

FOURTH DAY—SEPT. 20

8.30–10.30 A.M.	Mathematics A 1
10.45 A.M.–12.30 P.M.	Mathematics A 2
2.00–4.00 P.M.	Botany
	Physiography
	Zoölogy
4.15–6.00 P.M.	History B, D

FIFTH DAY—SEPT. 21

8.30–10.30 A.M.	English 1
10.45 A.M.–12.30 P.M.	Chemistry
2.00–4.00 P.M.	English 2 or * B
4.15–6.00 P.M.	Greek B

SIXTH DAY—SEPT. 22

8.30–10.30 A.M.	Greek C, H
	Mathematics B
10.45 A.M.–12.30 P.M.	Greek A
2.00–4.00 P.M.	Mathematics F
4.15–6.00 P.M.	Greek F
	Music B
	Physiology

*English B may be taken only by those candidates who have passed English A.

For Porter Admission Prize see page 108.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In Mathematics A and C no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate is accepted for work in French, German, Mathematics B, D, and F, on which examinations must be taken. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from the schools which have been approved by the New England College Entrance Certificate Board or by The North-Central Association of Colleges and Preparatory Schools. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank C. Nicolson, Middletown, Conn.

Certificates are received from those schools outside of New England which have been approved by this College. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the

New England College Entrance Certificate Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Committee on Admission.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on pages 43-45.

CONDITIONS

No student is allowed to remain in College over two years with an entrance condition.

ADMISSION FROM OTHER COLLEGES OR INSTITUTIONS OF COLLEGIATE RANK

A candidate for admission to advanced standing from an institution of collegiate rank may receive credit without examination for work completed at such an institution subject to the following requirements:

1. He must present a catalogue and an official certificate showing:
 - honorab!e dismissal,
 - subjects accepted for admission to the college from which he came,
 - his college record including grade of his scholarship in each subject taken.
2. He must have completed creditably the work of at least one year in an institution of collegiate rank.

3. Candidates will be accepted only at the beginning of the year.

4. Credit is allowed only for work equivalent to courses in Amherst College.

5. If a candidate has any conditions, entrance or otherwise, credits will be carried back to cancel these delinquencies.

6. The applicant must indicate at the time of his admission all his claims for credit. Except by special action of the Faculty, no claim not so presented will be considered unless the work on which the claim is based has been completed subsequently.

7. Any claim considered by the Registrar as insufficiently certified will be referred by him to the appropriate department for examination.

8. Provisional credit for courses completed will be given by the Registrar at the time of the applicant's admission to college but this credit will not be considered as final nor will the candidate be given final enrollment until he has successfully completed at least one semester's work in Amherst College.

9. All applications for admission to advanced standing should be made to the Registrar of the College.

ANTICIPATION OF COLLEGE COURSES BY EXAMINATION

Credit for studies presented in preparatory schools corresponding to college courses may be obtained by examination in accordance with the following rules:

1. The proposed credit must be in excess of the entrance requirements.

2. It must be presented at or before the time of admission to college.

3. Advanced credit in French, German and Mathematics

may be obtained by passing examinations of the College Entrance Board in June.

4. Special examinations for obtaining advanced credit will be given upon application and payment of the required special examination fee at the time of the regular entrance examinations in September.

5. All applications for examinations for advanced credit must be filed with the Registrar of the College.

6. Credit thus obtained may be used:

1. In anticipation of required courses.
2. To count toward graduation in less than four years.

(See page 24.)

Such credit may not be used to reduce the number of courses in any semester nor as a substitute for a delinquency subsequently incurred.

7. Students will not be allowed advanced credit by certificate or examination for work done privately or by correspondence.

Course of Study

ALL candidates for the Degree of Bachelor of Arts must complete forty semester courses which shall include Mathematics 1, 2, English 1, 2, two years of college Greek or Latin, two years of science in the group Biology, Chemistry, and Physics, and in addition to the forty courses, the required work in Public Speaking 2 and 3 and Physical Education 2, 4, and 6.

A reading knowledge of German *or* a Romance language (French, Italian or Spanish) is required for a degree.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

The course of study must be so arranged that it will include three majors and one minor *or* two majors which shall begin not earlier than Sophomore year.

A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses. Majors may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which he completes parallel courses in either Junior or Senior year. Parallel courses in Junior year do not constitute a minor.

All courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, B, which are four-hour courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester. No student is allowed to take more than six courses in a semester.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

OLD REQUIREMENT

Classes of 1915, 1916, 1917

Those who present for admission Latin 1, 2, 4 and 5 and Greek A, B, C, H, and F are required to study both those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives.

Those who present for admission only one ancient language, Latin 1, 2, 4 and 5 or Greek A, B, C, H and F, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

Biology 1-2	Italian 1-2
Chemistry 1-2	Mathematics 11-12, or 14
Physics 1-2*	Social and Economic Institutions 1, 2
French 1-2, 3-4, 5-6	Spanish 1-2
German 1-2, 3-4, 5-6	
Greek A, B, C, 1, 2, 4	

NEW REQUIREMENT

CLASS OF 1918 ONLY

1. English
2. Mathematics
3. Ancient Language

Two subjects out of the following three groups, but not more than one subject from any one group.

- 4, 5. {
 - A. Foreign Language
 - B. Social and Economic Institutions
 - C. Biology, Chemistry, Physics*
6. Hygiene and Physical Education, two semesters
7. Public Speaking, second semester

* Physics 1-2 is open only to those freshmen who have credit for Mathematics D and F, and to those who wish to take the subject for two or three years, and who satisfy the department that they are prepared for the work.

† Students who enter under Groups II and III and elect a modern language or Greek A, B as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

STUDIES OF SOPHOMORE YEAR

OLD REQUIREMENT

CLASSES OF 1915, 1916 AND 1917

In Sophomore year all students are required to take either Sophomore Greek or Sophomore Latin, a modern language, two subjects chosen from Biology, Chemistry, English, History, Mathematics, Philosophy and Physics, and in addition one course from the electives open to Sophomores and the required courses in Physical Education 3, 4 and Public Speaking 3.

B. A.

1. Ancient Language.
2. Modern Language.
- 3, 4. Two subjects from Biology, Chemistry, English, History, Mathematics, Philosophy, Physics.
5. Elective.

B. S.

1. Modern Language.
2. Physics 1, 2.
3. English 5, 6.
4. One subject from Biology, Chemistry, History, Mathematics, Philosophy.
5. Elective.

NEW REQUIREMENT

CLASS OF 1918 ONLY

1. Ancient Language, continued.
- One subject from each of the following groups:
2. A. English, Modern Language, Music.
 3. B. Biology, Chemistry, Mathematics, Physics.
 4. C. History, Philosophy.
 5. Elective.
 6. Physical Education, both semesters.
 7. Public Speaking, first semester.

If the reading requirement of a modern language has not been satisfied during Freshman year a modern language must be elected in Sophomore year.

STUDIES OF JUNIOR YEAR

OLD REQUIREMENT

CLASSES OF 1915, 1916, 1917

In Junior year all students are required to pursue three subjects chosen as majors, one subject chosen from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, and Physics, and one course from the electives open to Juniors. In addition, he must complete the required work in Physical Education.

1. *Major 1.
2. Major 2.
3. Major 3, or elective (under New Plan of majors).
4. One subject from Biology, Chemistry, Economics, Geology, Mathematics, Philosophy, or Physics.
5. Elective.

NEW REQUIREMENT

CLASS OF 1918 ONLY

1. *Major 1.
2. Major 2.
3. Elective.
4. Elective
5. Elective.
6. Physical Education, both semesters.

* A major is a subject studied six consecutive semester courses; a minor, a subject studied four consecutive semester courses.

STUDIES OF SENIOR YEAR

OLD REQUIREMENT

CLASSES OF 1915, 1916, 1917

In Senior year all students are required to complete the second major, in case it has not been completed in Junior year, the third major, a minor, and two elective courses, or three elective courses if the new degree requirements of two majors for the degree are adopted.

NEW REQUIREMENT

CLASS OF 1918 ONLY

1. Major 1.
2. Major 2.
3. Elective.
4. Elective.
5. Elective.

STUDIES OF SPECIAL STUDENTS

Special students must take as many courses as are taken by regular students. The first year they must study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

A student entering as a special student may enroll in the course leading to the Arts degree by satisfying the requirements for admission to that course. If he presents no ancient language for admission, he may satisfy that requirement by taking Greek A, B, C in college.

RULES FOR THE ELECTION OF STUDIES

Choice of electives is made for the year and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the second week of the first semester.

Choice of electives for the following year must be made on or before the Saturday preceding the semester examinations in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. For a change of electives a fee of two dollars is imposed.

The card of elections must be approved and signed by a member of the Instruction Committee before it is handed in.

Candidates for the degree of Bachelor of Arts must complete two years of science in the following group: Biology, Chemistry, Physics.

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in a, b, and c.

a. Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

b. Astronomy 2 or 4 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Senior year, may be counted as a year course, which with Astronomy 1, 2 or 1, 4 may constitute a minor.

Not more than two courses taken simultaneously in one subject or under one instructor may count toward a degree.

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

NOTE. Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

COURSES OF INSTRUCTION IN DETAIL

ART

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

PROFESSOR SMITH.

(Omitted in 1914-1915.)

Elective for Juniors.

2. Roman and Italian Art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

Mon., Wed., Fri., 11.30, Williston 3, PROFESSOR BAXTER.

Elective for Juniors.

ASTRONOMY AND NAVIGATION

1. General and descriptive astronomy; Todd's *New Astronomy*; lectures upon the history of astronomy; observations with telescopes and other apparatus, as laboratory practice; determinations of time.

Tu., Sat., 8.35, Thu., 2, Appleton 1, PROFESSOR TODD.

Elective for Juniors.

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope. The course includes the theory of the construction, adjustment and use of the instruments of the observatory. Each student makes observations and completely calculates or reduces them. The course includes

also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

(Mathematics 1, 2, 4, 5, and Astronomy 1 requisite.)

Tu., Sat., 8.35, Thu., 2, Appleton 1, PROFESSOR TODD.

Elective for Juniors.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)

Mon., Wed., 9.30, Fri., 3, Appleton 1, PROFESSOR TODD.

Elective for Seniors.

BIBLICAL LITERATURE

A continuous course of four semesters, given in alternate years, and covering compendiously the range of Biblical literature; lectures, essays, readings, discussions.

1. Old Testament: the formative centuries, to the time of the literary prophets. Beginnings of the various strains of literature: historic, prophetic, poetic, didactic.

PROFESSOR GENUNG.

(Omitted 1914-1915.)

Elective for Juniors.

2. Prophecy and other literature to the Chaldean exile; culmination and decline of prophecy; lines of post-exilic literature.

PROFESSOR GENUNG.

(Omitted 1914-1915.)

Elective for Juniors.

3. New Testament: coming of the Son of Man, and characteristics of His word and work.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

4. Literature of the apostolic era; gospels, epistles, apocalypse.

Mon., Wed., Fri., 11.30, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

BIOLOGY

1. Systematic and economic zoölogy of the invertebrates.

Laboratory work two hours a week.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory, PROFESSOR TYLER.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Freshmen.

2. Systematic and economic zoölogy of the vertebrates.

Laboratory work two hours a week. PROFESSORS TYLER AND LOOMIS.

A. Mon., Wed., 8.35, Fri., 2, Biological Laboratory.

B. Mon., Fri., 10.30, Wed., 2, Biological Laboratory.

Elective for Freshmen.

3. Evolution of the animal kingdom. Laboratory work; dissection and microscopic study of the principal forms of animal life. As far as possible the lines of evolution leading to higher animals and man are traced. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

Laboratory work two hours a week.

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR TYLER.

B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, PROFESSOR TYLER.

Elective for Sophomores.

4. Evolution and distribution of the vertebrates.

(Biology 3 requisite.)

A. Mon., Wed., 9.30, Fri., 3, Biological Laboratory, PROFESSOR LOOMIS.

B. Tu., Sat., 8.35, Thu., 2, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Sophomores.

5, 6. General structural, physiological, and economic botany of the flowering plants.

(Laboratory and field work two hours a week.)

Tu., 3, Thu., Fri., 9.30, Appleton 3, PROFESSOR GOODALE.

Elective for Sophomores.

7, 8. Evolution of the plant kingdom. The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representatives of the main groups of plants.

Tu., 3, Thu., Fri., 9.30, Appleton 3, PROFESSOR GOODALE.

(Omitted in 1914-1915.)

Elective for Sophomores.

9. Anatomy, including comparative anatomy of the vertebrates, taken up from the point of view of the origin of the structures of the human body.

Laboratory work two hours a week.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Juniors.

10. Human Physiology.

Laboratory work two hours a week.

Tu., Sat., 10.30, Wed., 3, Biological Laboratory, PROFESSOR PHILLIPS.

Elective for Juniors.

11. Biological problems.

(Biology 4 requisite)

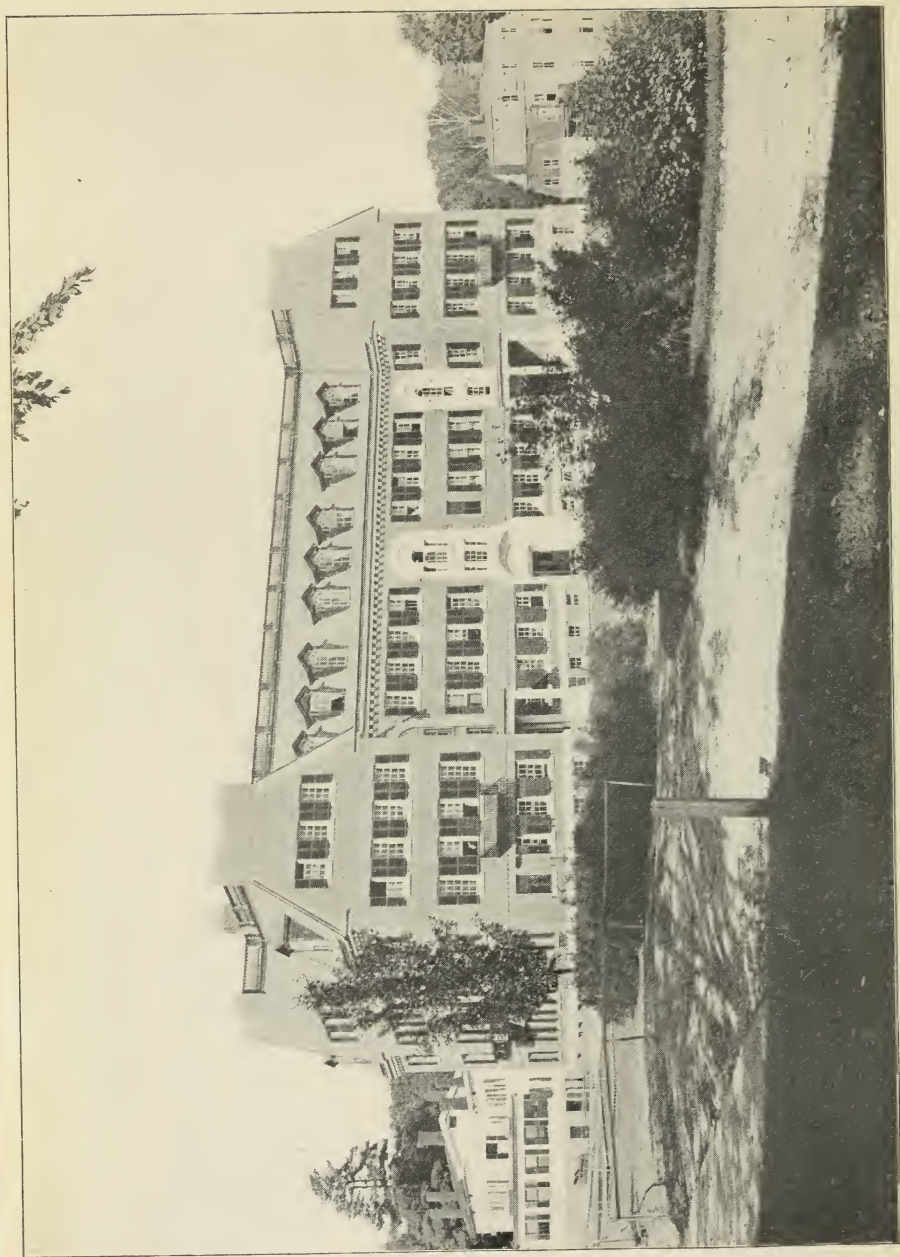
Tu., Thu., Sat., 11.30, Biological Laboratory, PROFESSOR LOOMIS.

Elective for Seniors.

12. Anthropology.

(Biology 4 requisite) Tu., Thu., Sat., 11.30, Biological Laboratory, PROFESSOR TYLER.

Elective for Seniors.



MORRIS PRATT MEMORIAL DORMITORY

CHEMISTRY

1. General chemistry; the non-metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS
DOUGHTY, and DR. ZINN.

Elective for Freshmen.

2. General chemistry; the metallic elements and their compounds.

Three hours class-room work and two hours laboratory work each week.
Tu., Sat., 9.30, Thu., 3, Chemical Laboratory, PROFESSORS HOPKINS,
DOUGHTY, and DR. ZINN.

Elective for Freshmen.

3. Inorganic chemistry; with especial emphasis on ionic hypothesis and chemical equilibrium and their applications to the reactions of analytical chemistry.

Two hours class-room work and three hours of laboratory work each week.
(Chemistry 1, and 2 requisite. Students electing this course are advised
to take Physics 1 and 2.)

Tu., 2-5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY,
and DR. ZINN.

Elective for Sophomores.

4. Qualitative analysis; reactions and detection of the common metallic and acidic ions.

Two hours of class-room work and three hours laboratory work each week.
(Chemistry 1, 2, and 3 requisite.)

Tu., 2-5, Thu., Fri., 9.30, Chemical Laboratory, PROFESSOR DOUGHTY,
and DR. ZINN.

Elective for Sophomores.

5, 6. Quantitative analysis; chiefly laboratory work in gravimetric and volumetric analysis.

Six hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2-4, Wed., Thu., 10.30-12.20, Chemical Laboratory, DR. ZINN.
Elective for Juniors.

7, 8. Organic chemistry; an introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

Three hours class-room work and three hours laboratory work each week.
(Chemistry 1, 2, 3, and 4 requisite.)

Mon., 2-6, Wed., Thu., 10.30, Chemical Laboratory, PROFESSOR DOUGHTY.

Elective for Juniors.

ECONOMICS

1, 2. Outlines of economics.

Tu., 2, Thu., Fri., 8.35, Chapel 5, PROFESSOR CROOK.

Tu., 2, Thu., Fri., 8.35, Chapel 3, PROFESSOR CLARK.

Elective for Juniors.

3. Public finance; the principles of public revenues and expenditures, with special emphasis on the problems of taxation.

(Economics 1 and 2 requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.

Elective for Seniors.

5. Economic History of the United States.

(Economics 1 and 2 requisite.)

Tu., Sat., 10.30, Wed., 3, Chapel 3, PROFESSOR CLARK.

Elective for Seniors.

8. Labor problems, including trades-unionism and the wage question.

(Economics 1 and 2 requisite.)

Mon., Fri., 10.30, Wed., 2, Chapel 5, PROFESSOR CROOK.

Elective for Seniors.

10. Corporations, trusts, and monopolies, with emphasis on the problems of regulation.

(Economics 1 and 2 requisite.)

Tu., Sat., 10.30, Wed., 3, Chapel 3, PROFESSOR CLARK.

Elective for Seniors.

The Department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

ENGLISH

1, 2. Introductory course; introduction to literary forms by the study of a few masterpieces; five plays of Shakespeare, a Greek tragedy, the English Bible, essays of Carlyle and Stevenson, poems of Burns and Tennyson; themes and reports.

A. Mon., Wed., Fri., 11.30, Williston 1, PROFESSOR UTTER.

B. Tu., 2, Thu., Fri., 8.35, Walker 8, PROFESSOR ANDREWS.

C. Mon., Wed., 9.30, Fri., 3, Walker 8, PROFESSOR ANDREWS.

D. Mon., Wed., 9.30, Fri., 3, Williston 1, PROFESSOR UTTER.

F. Mon., Wed., Fri., 11.30, Walker 8, PROFESSOR ANDREWS.

Courses 1 and 2 are prescribed for Freshmen.

5, 6. General introduction to English Literature, from the Anglo-Saxon period through the nineteenth century.

A. Tu., Sat., 10.30, Wed., 3, Williston 1, PROFESSOR HAMILTON.

B. Mon., 2, Wed., Thu., 10.30, Williston 1, PROFESSOR HAMILTON.

C. Tu., Thu., Sat., 11.30, Williston 1, PROFESSOR HAMILTON.

Elective for Sophomores.

7. English Literature of the Victorian Age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Mon., Wed., 9.30, Fri., 3, Walker 7, PROFESSOR GENUNG.

Elective for Juniors.

9, 10. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations.

Mon., Fri., 10.30, Wed., 2, Walker 7, PROFESSOR CHURCHILL.

(Omitted in 1914-1915.)

Elective for Juniors.

11, 12. The English Drama, its rise and development; the predecessors of Shakespeare; Shakespeare.

Mon., and Fri., 10.30, Wed., 2, Walker 7, PROFESSOR CHURCHILL.

Elective for Juniors.

13, 14. The English Novel; its form and development.

Mon., 2, Wed., Thu., 10.30, PROFESSOR UTTER.

Elective for Juniors.

15. Elizabethan Literature, 1557-1604; study of lyric and dramatic poetry; early English prose.

Mon., 2, Wed., Thu., 10.30, Williston 1, PROFESSOR HAMILTON.

(Omitted in 1914-1915.)

Elective for Juniors.

16. English Literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

Mon., 2, Wed., Thu., 10.30, Williston 1, PROFESSOR HAMILTON.

(Omitted in 1914-1915.)

Elective for Juniors.

17, 18. Advanced Composition.

(Courses 17, 18 are open with the consent of the instructor to Seniors and to specially qualified Juniors.) Tu., 9.30, Thu., 3 and 4, PROFESSOR UTTER.

19, 20. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

(For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.)

Thu., Fri., 9.30, Tu., 3, Walker 13, PROFESSOR CHURCHILL.
Elective for Seniors.

21. American Literature.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR ANDREWS.
Elective for Seniors.

22. Recent authors, English and American.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR ANDREWS.
Elective for Seniors.

23. Old English (Anglo-Saxon). Cook-Sievers' *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English.

Wed., Thu., 10.30, Mon., 2, Walker 13, PROFESSOR CHURCHILL.
(Omitted in 1914-1915.)

24. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English and its development into Modern English; Sweet's *Second Middle English Primer*.

Wed., Thu., 10.30, Mon., 2, Walker 13, PROFESSOR CHURCHILL.
(Omitted in 1914-1915.)

25. Old English Literature. This course is given in alternate years with the linguistic course, 23, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR CHURCHILL.
(Omitted in 1914-1915.)
Elective for Juniors.

26. Middle English Literature. This course is given alternate years with 24. Special attention is paid to Middle

English lyrics, *Piers Plowman*, the Arthurian tales, miracle plays, Chaucer. Knowledge of Middle English is not required.

Mon., 2, Wed., Thu., 10.30, Walker 13, PROFESSOR CHURCHILL.

(Omitted in 1914-1915.)

Elective for Juniors.

GEOLOGY

1. Structural and dynamical geology and physiography.

Six excursions are required during the year, each taking a full afternoon. They are set for different afternoons in the week so as to interfere with other work as little as possible. Absences incurred in other courses because of these excursions are cancelled. For this course the elements of chemistry are required.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.

Elective for Juniors.

2. Historical geology, paleontology.

For this course Geology 1 is requisite, and Biology 1 and 2 are desirable.

Mon., Wed., Fri., 11.30, Geological Laboratory, PROFESSOR EMERSON.

Elective for Juniors.

3. Field and laboratory geology.

Two full afternoons a week required; mapping a part of the old lake beds as long as the weather allows, followed by mineralogy.

(Geology 1 and 2 requisite.)

Geological Laboratory, PROFESSOR EMERSON.

Elective for Seniors.

4. Mineralogy continued until the weather allows field work, when a survey will be made of an area of rocks in the Holyoke Range.

Two full afternoons a week.

(Geology 1 and 2 requisite.)

Geological Laboratory, PROFESSOR EMERSON.

Elective for Seniors.

5. General course in mineralogy and crystallography.

(Chemistry 1 and 2 requisite.)

Fri., 2., Geological Laboratory, PROFESSOR EMERSON.

Elective for Seniors.

6. Optical mineralogy, petrography.

(Geology 5 requisite.)

Elective for Seniors.

7, 8. Paleontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7, 8 requisite.)

Geological Laboratory, PROFESSOR EMERSON.

(Laboratory hours in courses 3 to 8 are arranged with the teacher.)

Elective for Seniors.

GERMAN

1, 2. Elementary course; grammar, pronunciation, composition, colloquial exercises, syntax, translation from prose selections. *Equivalent to entrance German A.*

A. Mon., Fri., 10.30, Wed., 2, Barrett 3, PROFESSOR EASTMAN.

B. Tu., 2, Thu., Fri., 8.35, Barrett 4, PROFESSOR MANTHEY-ZORN.

3, 4. Prose composition, with review of grammar; reading of modern prose; Schiller and Goethe: a representative work of each author; composition and free reproduction. *Equivalent to entrance German B.*

A. Mon., Wed., 9.30, Fri., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

B. Tu., 3, Thu., Fri., 9.30, Barrett 3, PROFESSOR EASTMAN.

5a. Goethe's dramas; lectures and essays.

Tu., 2, Thu., Fri., 8.35, Barrett 3, PROFESSOR EASTMAN.

5b. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

Tu., Sat., 9.30, Thu., 3, Barrett 4, PROFESSOR MANTHEY-ZORN.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

A. Tu., 2, Thu., Fri., 8.35, Barrett 3, PROFESSOR EASTMAN.

B. Tu., Sat., 9.30, Thu., 3, Barrett, 4, PROFESSOR MANTHEY-ZORN.

7, 8. The German novel of the nineteenth century.

Tu., Sat., 8.35, Thu., 2, Barrett 3, PROFESSOR EASTMAN.

(Omitted in 1914-1915.)

Elective for Sophomores.

9, 10. Modern German drama.

A. Tu., Sat., 8.35, Thu., 2, Barrett 4, PROFESSOR MANTHEY-ZORN.

B. Tu., Thu., Sat., 11.30, Barrett 4, PROFESSOR MANTHEY-ZORN.

Courses 7, 8 are given alternate years with courses 9, 10.

Elective for Sophomores.

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.

Elective for Juniors.

12. Middle High German; Walther von der Vogelweide and other minnesingers.

Two semesters in addition to 5 and 6 requisite.

Hours arranged at the convenience of instructor and students.

Elective for Juniors.

GOVERNMENT

1. Principles of Political Science; the fundamental principles of the state, of government, sovereignty, and law; a discussion of the relations of state to individual and of state to state; and an outline of state functions. One year of History Required.

2. Comparative Government; an outline of the organization and actual operation of the governments of leading

modern states, with especial emphasis on the United States, England, Germany, and France.

Tu., Sat., 8.35, Thu., 2, Walker 13. MR. GETTELL.

Elective for Seniors.

GREEK

A, B. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

Mon., 3, Tu., 2, Thu., Fri., 8.35, Chapel 1, PROFESSOR ELWELL.

Elective for Freshmen.

C. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

Tu., 3, Thu., Fri., 9.30, Chapel 1, PROFESSOR ELWELL.

Greek A, B and C are given to three or more students on application.

To obtain credit for a year course, those who complete Greek C should take Greek 2.

Elective for Freshmen.

1. Homer, *Odyssey*.

2. Plato; *Apology* and *Crito*.

Mon., Wed., Fri., 11.30, Williston 3, PROFESSOR SMITH.

Elective for Freshmen.

3. Introduction to Greek tragedy. Sophocles, *Antigone*; Euripides, *Hippolytus*; lectures on the development of tragedy and the theatre; study of other selected dramas in an English Translation.

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.

Elective for Sophomores.

4. Aristotle; *Ethics*; or Marcus Aurelius Antoninus: *To Himself*.

Mon., Wed., 9.30, Fri., 3, Williston 3, PROFESSOR SMITH.
Elective for Sophomores.

5. The Greek historians: Herodotus, Thucydides.

Mon., Wed., 8.35, Fri., 2, Chapel 1, PROFESSOR ELWELL.
Elective for Juniors.

6. The New Testament, the Acts of the Apostles.

Mon., Wed., 8.35, Fri., 2, Chapel 1, PROFESSOR ELWELL.
Elective for Sophomores.

7. The later Greek poets: Theocritus, Bion, Moschus; the Greek Anthology.

Tu., 2, Thu., Fri., 8.35 Williston 3, PROFESSOR SMITH.
Elective for Juniors and Seniors.

8. Greek drama: Aeschylus, Aristophanes and Menander.

Tu., 2, Thu., Fri., 8.35 Williston 3, PROFESSOR SMITH.
Elective for Juniors and Seniors.

HISTORY

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades and other characteristic phenomena of the period.

Mon., Wed., 8.35, Fri., 2, Walker 8, DR. MORSE.
Elective for Sophomores.

2. The later Middle Ages; the development of nationalities; the culture and state of the Middle Ages; the Italian cities; the Renaissance and the Protestant Revolt.

Mon., Wed., 8.35, Fri., 2, Walker 8, DR. MORSE.
Elective for Sophomores.

3. English history, 1066-1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

Tu., Sat., 10.30, Wed., 3, Walker 13, PROFESSOR GALLINGER.

Elective for Juniors.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

Tu., Sat., 10.30, Wed., 3, Walker 13, PROFESSOR GALLINGER.

Elective for Juniors.

5. American history, 1492-1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English colonies.

Mon., Wed., 9.30, Fri., 3, Walker 13, PROFESSOR GALLINGER.

(Omitted 1914-1915.)

Elective for Juniors.

6. American history 1750-1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Mon., Wed., 9.30, Fri., 3, Walker 13, PROFESSOR GALLINGER.

(Omitted 1914-1915.)

Elective for Juniors.

9. European history, 1648-1815; the age of Louis XIV; the rise of Prussia and Russia; the enlightened despots; the French Revolution; the Napoleonic Wars.

Mon., Wed., 8.35, Fri. 2, Walker 12, PROFESSOR GALLINGER.

Elective for Juniors.

10. European history since 1815; the reconstruction of Europe; the revolution of 1848; the unification of Italy and

Germany; social and industrial progress; the expansion of Europe.

Mon., Wed., 8.35, Fri., 2, Walker 12, PROFESSOR GALLINGER.

Elective for Juniors.

11. Political and constitutional history of the United States to the election of Jackson, 1783-1828.

Tu., 2, Thu., Fri., 8.35, Walker 14, DR. MORSE.

Elective for Seniors.

12. Political and constitutional history of the United States since the election of Jackson.

Tu., 2, Thu., Fri., 8.35, Walker 14, DR. MORSE.

Elective for Seniors.

HYGIENE AND PHYSICAL EDUCATION

1, 2. Personal hygiene, lectures on fundamental laws affecting health. Physical exercise, in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Tu., Thu., Sat., 11.30, Gymnasium.

Freshmen unable to swim are required to take (B).

3, 4. Physical exercises in the form of (A) Gymnastics and Military evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).

Tu., Thu., Fri., 5, Gymnasium.

5, 6. Physical exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

Tu., Thu., Fri., 4, Gymnasium.

LATIN

1. Cicero, *De Senectute* or *De Amicitia*: Livy, selections from Books I, XXI, and XXII.

2. Horace, selections from *Odes* and *Epodes*; Ovid, *Metamorphoses*.

- A. Mon., Wed., 8.35, Fri., 2, Chapel 2, PROFESSOR HOUGHTON.
- B. Tu., Sat., 8.35, Thu., 2, Chapel 6, PROFESSOR BENNETT.
- C. Mon., Wed., 9.30, Fri., 3, Chapel 6, PROFESSOR BENNETT.
- D. Mon., Wed., Fri., 11.30, Chapel 2, PROFESSOR HOUGHTON.
- E. Mon., 2, Wed., Thu., 10.30, Chapel 2, PROFESSOR BENNETT.
- F. Tu., 3, Thu. Fri., 9.30, Williston 4, PROFESSOR COWLES.

Required course for Freshman.

3. Plautus, *Trinummus*; Terence, *Adelphoe*, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. Especial attention will be given to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and the student of Roman life. Selections from Catullus and other Roman poets.

4. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

- A. Tu., Sat., 8.35, Thu., 2, Williston 4, PROFESSOR COWLES.
- B. Tu., Sat. 9.30, Thu. 3, Williston 4, PROFESSOR COWLES.
- C. Tu., Sat., 9.30, Thu., 3, Chapel 6, PROFESSOR BENNETT.

Elective for Sophomores.

5. Satire; Horace, Persius, Juvenal; the essential qualities of Roman satire, and the various forms which it successively assumed.

- Tu., 3, Thu., Fri., 9.30, Chapel 2, PROFESSOR HOUGHTON.

Elective for Juniors.

6. Prose writers of the Silver Age: Tacitus, Quintilian, Seneca.

Tu., 3, Thu., Fri., 9.30, Chapel 2, PROFESSOR HOUGHTON.

Elective for Juniors.

7. Lucretius. Criticism and interpretation of the *De Rerum Natura*, with emphasis on the philosophic content.

Tu., Thu., Sat., 11.30, Chapel 2, PROFESSOR HOUGHTON.

Elective for Juniors.

8. Vergil, *Æneid*, Books VII–XII. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature.

Tu., 3, Thu., Fri., 9.30, Chapel 2, PROFESSOR BENNETT.

Elective for Juniors.

MATHEMATICS

1. Lines, planes and angles in space, problems in mensuration of solids; plane trigonometry.

2. Topics from advanced algebra; introduction to analytical geometry.

Those who at entrance have presented credit for Mathematics b, d, and f are not required to take Mathematics in college. If they desire to continue the subject, they should elect Mathematics 11 and 2.

Those who have presented one point credit in advanced Mathematics are required to take a year of Mathematics in college and should elect Mathematics 11 and 2.

Those who have presented $\frac{1}{2}$ point credit in advanced Mathematics are required to complete Mathematics 1 and 2.

A. Tu., Sat., 9.30; Mon., 4, Thu., 3; Walker 5, PROFESSOR PARKER.

B. Tu., Sat., 8.35; Mon., Thu., 2; Walker 5, PROFESSOR ESTY.

C. Tu., Sat., 10.30; Mon., Wed., 3; Walker 2, PROFESSOR OLDS.

D. Tu., Sat., 8.35; Mon., Thu., 2; Walker 2, PROFESSOR COBB.

E. Tu., Sat., 10.30; Mon., Wed., 3; Walker 2, PROFESSOR COBB.

Required Course for Freshmen.

3. Analytical geometry continued; introduction to calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSORS OLDS AND COBB.
Elective for Sophomores.

4. Differential and integral calculus.

Mon., Wed., Fri., 11.30, Walker 2, PROFESSORS OLDS AND COBB.
Elective for Sophomores.

5. Calculus continued; introduction to differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSORS OLDS AND PARKER.
Elective for Juniors.

6. Vector analysis, with special applications to analytical mechanics.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSOR ESTY.
Elective for Juniors.

7. Analytical mechanics; differential equations.

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSOR ESTY.
Elective for Seniors.

8. Advanced analytical geometry and advanced integral calculus.

Course 10 is given alternate years with Course 8.

Mon., Wed., 8.35, Fri., 2, Walker 2. PROFESSOR OLDS.
Elective for Seniors.

10. Introduction to the theory of functions.

(Omitted 1914-1915.)

Mon., Wed., 8.35, Fri., 2, Walker 2, PROFESSOR OLDS.
Elective for Seniors.

DESCRIPTIVE GEOMETRY AND DRAWING

11. Elements of Descriptive Geometry, Drawing and Lettering.

(Solid Geometry requisite.)

Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

12. Advanced Descriptive Geometry.

(11 requisite.)

Tu., Sat., 8.35, Thu., 2, Walker 11, PROFESSOR PARKER.

13. Descriptive Geometry of Warped Surfaces.

(11, 12 requisite.)

Thu., Fri., 9.30, Tu., 3, Walker 11, PROFESSOR PARKER.

14. Mechanical Drawing.

(11 requisite.)

Thu., Fri., 9.30, Tu., 3, Walker 11, PROFESSOR PARKER.

MUSIC

1, 2. Theory of Music; harmony.

Tu., Thu., 11.30, Music Room, PROFESSOR BIGELOW.

(Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu. 7.30.)

Elective for Sophomores.

3, 4. The art of Music, its development and forms; appreciation of masterpieces.

Chorus and orchestra as above. (1, 2 not prerequisite.)

Mon., Wed., 8.35, Fri., 2, PROFESSOR BIGELOW.

*Elective for Sophomores.*5, 6. The Music Dramas of Richard Wagner. *Die Meistersinger*, *Der Ring des Nibelungen*, *Parsifal*, etc., as time may permit.

Mon., Wed., Fri., 11.30, Music Room, PROFESSOR BIGELOW.

This course may be used to complete a major in either Music or German. Pianos and a large orchestrelle are placed at the disposal of students taking these courses.

Elective for Juniors.

7, 8. Chorus and Orchestra.

Chorus, Mon., 7, Sun., 11.50. Orchestra, Mon., Thu., 7.30, PROFESSOR BIGELOW.

During the college year 1914-1915 the two oratorios *Messiah* and *Elijah* will be given by the combined choruses and orchestras of Amherst and Smith Colleges.

Two rehearsals, amounting to an average of three hours a week are required, the same number of absences being allowed as in any other course. Students from all classes may become members of the orchestra or chorus and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. Students may substitute oratorio credit for one regular course in the last semester of the four required for credit, provided the course so replaced is not in a major or a minor subject. Special registration at the Registrar's office is required for Courses 7 and 8.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services, in return for which a faithful performance of duty is required.

The duties of the choir are to lead singing daily at morning prayers and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

PHILOSOPHY

1. Logic. A study of the aims and methods of thinking.

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, PROFESSORS MEIKLEJOHN AND TOLL.

Elective for Sophomores.

2. Ethics. A study of the nature and significance of conduct.

Tu., 2, Thu., Fri., 8.35, Chemical Laboratory, PROFESSOR NEWLIN.

Elective for Sophomores.

3. General psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

Mon., Wed., 9.30, Fri., 3, Walker 10, PROFESSOR TOLL.

Elective for Juniors.

4. Advanced psychology. A detailed study of some of the problems and theories of modern psychology.

Mon., Wed., 9.30, Fri., 3, Walker 10, PROFESSOR TOLL.

Elective for Juniors.

5. History of ancient philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, PROFESSOR TOLL.

Elective for Juniors.

6. History of modern philosophy. Lectures, readings and discussions.

Tu., 3, Thu., Fri., 9.30, Walker 10, PROFESSOR NEWLIN.

Elective for Juniors.

7. Philosophy. A study of political ethics with special reference to its bearing on social problems; æsthetics; philosophy of religion.

1, 2 or 5, 6 requisite.

Mon., 2, Wed., Thu., 10.30, Walker 10, PROFESSOR NEWLIN.

Elective for Seniors.

8. Social ethics (seminar). A study of philosophical prin-

ciples in their application to the modern problems of philanthropy, industry and social life.

1, 2 or 5, 6 requisite.

Mon., 2, Wed., Thu., 10.30, Walker 10, PROFESSOR NEWLIN.

Elective for Seniors.

Instructor's approval requisite to election of this course.

PHYSICS

1, 2. Elementary mechanics; equilibrium and motion of solids, liquids, and gases; capillarity, and molecular forces; heat; electricity and magnetism; sound and light.

Mon., Fri., 10.30, Wed., 2, Physical Laboratory, PROFESSORS KIMBALL, J. O. THOMPSON AND WESTHAFFER.

Elective for Sophomores.

Students who are credited with courses 1 and 2 may choose either Course 3 followed by 4, 6 or 8, or Course 5 followed by 4 or 6.

3. Diffraction and polarized light with introduction to thermodynamics.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR KIMBALL.

4. Electricity and magnetism and electrical measurements.

Tu., Sat., 9.30, Thu., 3, Physical Laboratory, PROFESSOR J. O. THOMPSON.

5. Dynamo-electric machinery, and theory of alternating currents of electricity.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR J. O. THOMPSON.

6. Electric discharge through gases; radioactivity and electric waves.

Tu., Sat., 8.35, Thu., 2, Physical Laboratory, PROFESSOR KIMBALL.

8. Thermodynamics applied to problems in physical chemistry.

Mon., Wed., 8.35, Fri., 2, Physical Laboratory, PROFESSOR WESTHAFFER.

9, 10. Advanced laboratory work, open to those who have completed four semesters in physics. Six hours laboratory work each week.

Mon., Wed., 8.35, Fri., 2, Physical Laboratory, PROFESSOR KIMBALL.

PUBLIC SPEAKING

2. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, Chapel 7, PROFESSOR CORSA.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Mon., 2, 3, 4, 5, PROFESSOR CORSA.

Required of all Sophomores.

5, 6. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussion; speeches.

Tu., Sat., 8.35, Thu., 2, Chapel 7, PROFESSOR CORSA.

Elective for Juniors.

This course ends May 1st. To count for the degree, courses 5 and 6 must be supplemented by course 7, which must be taken as an extra course in Senior year.

7. Debates on social, economic, historical, and political questions.

Tu., 4, Chapel 7, PROFESSOR CORSA

Elective for Seniors.

This is a one-hour course continuing till the end of the first semester. It may count for a degree only when taken as an extra course in combination with courses 5 and 6.

ROMANCE LANGUAGES

FRENCH

1, 2. Elementary course; pronunciation, grammar (composition), translation. *Equivalent to Entrance French A.*

A, Tu., 2, Thu., Fri., 8.35, Barrett 7, PROFESSOR STOWELL.

B, Mon., 2, Wed., Thu., 10.30, Barrett 7, PROFESSOR STOWELL.

Elective for Freshmen.

3, 4. Advanced course; rapid reading, syntax, composition, and conversation. *Equivalent to Entrance French B.*

A, Tu., 3, Thu., Fri., 9.30, Barrett 7, PROFESSOR STOWELL.

B, Tu., Sat., 8.35, Thu., 2, Barrett 8, PROFESSOR LANCASTER.

Elective for Freshmen.

5, 6. French Classics of the seventeenth, eighteenth and nineteenth centuries.

A, Tu., Sat., 9.30, Thu., 3, Barrett 8, PROFESSOR LANCASTER.

B, Tu., Sat., 10.30, Wed., 3, Barrett 8, PROFESSOR LANCASTER.

Elective for Freshmen.

7, 8. The Novel.

(5 and 6 requisite.)

Mon., Fri., 10.30, Wed., 2, Barrett 8, PROFESSOR STOWELL.

Elective for Sophomores.

9. Nineteenth Century Drama.

(5, 6, 7, and 8 requisite.) Tu., Thu., Sat., 11.30, Barrett 5, PROFESSOR LANCASTER.

Elective for Juniors.

10. The Contemporary Novel.

(9 requisite.)

Tu., Thu., Sat., 11.30, Barrett 5, PROFESSOR STOWELL.

Elective for Juniors.

11, 12. Literary Monuments of Old and Modern French.

Given on application of three or more students who have completed 9, 10.

PROFESSORS LANCASTER and STOWELL.

Elective for Seniors.

ITALIAN

1, 2. Pronunciation, grammar, translation. Stories by DeAmicis, Castelnuevo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

Tu., Sat., 9.30, Thu., 3, Barrett 6, PROFESSOR BAXTER.

Elective for Sophomores.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.

Elective for Juniors.

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Tu., Thu., Sat., 11.30, Barrett 6, PROFESSOR BAXTER.

(Omitted 1914-1915).

Elective for Juniors.

SPANISH

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1 and 2 requisite; may not be taken the same year as Italian 1, 2.)

Mon., Wed., 9.30, Fri., 3, Barrett 6, PROFESSOR BAXTER.

Elective for Sophomores.

3, 4. Spanish literature of the sixteenth and seventeenth centuries: the novel, the drama and the ballads.

Tu., 3, Thu., Fri., 9.30, Barrett 6, PROFESSOR BAXTER.

Elective for Juniors.

SOCIAL AND ECONOMIC INSTITUTIONS

1, 2. A study of social, political, and economic institutions intended to serve as an introduction to courses in History, Philosophy, Economics, and Government.

Mon., Wed., 8.35, Fri., 2, Tu., Sat., 9.30, Thu., 3, Walker 8, MR. GETTELL.
Elective for Freshmen.

THE HENRY WARD BEECHER LECTURESHIP

This lectureship was founded by Frank L. Babbott, M.A., of the class of 1878 in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social and Economic Sciences.

THE CLYDE FITCH FUND

Of twenty thousand dollars was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

WILLIAM BREWSTER CLARK MEMORIAL LECTURESHIP

This lectureship is given by Fanny H. Clark and W. Evans Clark in memory of William Brewster Clark, M. D., of the class of 1876. Four or more lectures are given each year on the Modern Point of View. The purpose of the donors is "to assist the college in throwing light in a genuinely scientific spirit on the relation of present-day research, discovery, and thought to individual and social attitude and policy."

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE HENRY T. MORGAN LIBRARY

The library contains about one hundred and seven thousand volumes. The funds available for the increase of the library yield an annual income of about seven thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the several departments.

Members of the College are allowed free access to the book shelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M., every day except Sun-

days and holidays. During vacations the library and reading-room are open daily, except Saturday, from 10 to 12 and from 2 to 4.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall and the vestibule and stairway leading to it has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenæan, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is open every week-day, while College is in session, from 2 to 3 p.m. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, also in Williston Hall, possess many casts in

bronze and plaster, as well as collections of photographs, engravings, and stereopticon slides. In the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B. C., which were obtained by the late Henry Lobbell, D.D., of the class of 1849, from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

FAYERWEATHER LABORATORY

The Fayerweather Chemical Laboratory contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a lecture-room, and adjoining is a room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The Fayerweather Physical Laboratory has on the main floor a lecture-room and an apparatus room with a collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a workshop and dynamo room, with steam and water power.

BIOLOGICAL AND GEOLOGICAL LABORATORIES

The biological and geological laboratories occupy a large building on the south side of the campus. On the first floor is the biological museum and on the second floor the geological and mineralogical museum. There are lecture rooms, laboratories, and working rooms, on both floors and in the basement.

The geological museum comprises the Woods Cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the Hitchcock Ichnological collection, named after President Hitchcock, containing over twenty thousand tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farnam, LL.D., of the class of 1855, are in the biological museum.

APPLETON CABINET

Appleton Cabinet contains the botanical laboratory, the astronomy recitation room, the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by gifts from Alumni.

THE OBSERVATORY

The new observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-

fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin and Greek lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building erected in 1859, was the first college gymnasium in this country. It was named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages.

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, was erected in 1828. In addition to Johnson Chapel, where morning prayers are conducted, it contains eight recitation rooms.

THE COLLEGE CHURCH

The College Church, the gift of the late William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings assembled.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the department. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and

twenty-two wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one-third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

HITCHCOCK MEMORIAL FIELD

The large open field of forty acres situated south of the gymnasium has been named Hitchcock Memorial Field in memory of Edward Hitchcock, M.D., LL.D., who was for fifty years Professor of Physical Education and Hygiene at Amherst College.

The field slopes toward the south, with a difference of elevation of about 100 feet from the Pratt Gymnasium to the railroad. The upper part of the field is the steeper, with a very quick slope close to the Natatorium.

The field is designed to provide an exercising ground for the entire college. Intercollegiate sports will continue, as at present, on the specially arranged and well-equipped Pratt Field. The Pratt Gymnasium and Natatorium is naturally the center of interest and a starting point for those using Hitchcock Field. In the plan it is made the central feature, from which walks will lead to all parts of the field. To the south two walks, on either side of the gymnasium, will lead across three terraces to the large fields for baseball, football, or soccer and a quarter-mile straightaway running track near the southern boundary. To the east the walks will lead down to an oval quarter-mile running track, 100-yards and 220-yards dash, and the straightaway running course.

The plan of development contemplates three terraces 120 feet in width, the central portion to be grassed and used for gymnastic class work or smaller sports. On the sides 36 gravel tennis courts and 6 basketball courts can be arranged. It will be possible to secure, in addition, 5 ball fields, 6 football or soccer fields, a quarter-mile oval and a quarter-mile straightaway, 100-yards and 200-yards dash, a one mile cross country run, jumping boxes, hurdles, skeeing, sliding, and lacrosse. Skating can be secured by making ice on the level fields after the ground is frozen. When fully completed, the field will accommodate at one time about 300 men, all exercising in some portion of the grounds. Approximately one sixth of the field has been completed and the remainder of the work will be pushed forward as rapidly as funds can be secured.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A.,

of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two or three students.

Morris Pratt Memorial Dormitory was given by Mr. and Mrs. Charles M. Pratt as a memorial to their son, who was for a time a member of the class of 1911. The rooms are arranged on the plan of a study with two bedrooms, and single rooms. The building is one of the best examples of



FAYERWEATHER LABORATORIES

the modern college dormitory. The construction is fireproof throughout. There is a large and beautiful resort room on the first floor. The rooms are arranged either as single rooms, or in suites of a study and either one or two bedrooms.

The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The rooms are unfurnished. The floors are hardwood, and may be left uncarpeted and used with rugs. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to engage the same for the succeeding year. After that date, members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class. Application for rooms should be made to the Treasurer.

A payment of ten dollars is required when a room is engaged, this amount being credited on the account for the first semester. The balance of one-half of the yearly rental is payable before the opening of the first semester and the second half before the opening of the second semester. Payment of the amount due each semester must precede registration. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year even in cases of withdrawal from College. Applicants who are rejected at the June examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer

before July 15. After the June examinations all applicants who engage rooms will be held responsible for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

\$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

\$60, North College, Nos. B, E; South College, 11, C.

\$65, South College, B.

\$70, Morris Pratt Memorial Dormitory, Nos. 110, 111.

\$80, South College, No. 14; Morris Pratt Memorial Dormitory, Nos. 102, 103, 210, 211, 310, 311.

\$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

\$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32;

Morris Pratt Memorial Dormitory, Nos. 202, 203, 302, 303.

\$95, South College, Nos. 18, 19, 25, 28.

\$100, North College, Nos. 2, 17; South College, Nos. 2, 17.

\$110, North College, Nos. 13, 30; South College, No. 13.

\$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

\$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

\$125, South College, Nos. 22, 23, 26, 27.

\$135, North College, Nos. 6, 21; South College, Nos. 6, 21.

\$140, Morris Pratt Memorial Dormitory, No. 410.

\$150, Morris Pratt Memorial Dormitory, No. 402.

\$160, Morris Pratt Memorial Dormitory, Nos. 405, 406, 407, 408.

\$175, South College, Suite 14, 14A, and 14B.

\$180, Morris Pratt Memorial Dormitory, Nos. 401, 404, 409, 412.

\$185, South College, Suite 10, 10A, and 10B.

(10 B at \$45 may be rented with 11 as a suite at \$105. 14 B at \$45 may be rented with 15 as a suite at \$100.)

\$200, Morris Pratt Memorial Dormitory, Nos. 105, 108, 205, 206, 207, 208, 305, 306, 307, 308.

\$225, Morris Pratt Memorial Dormitory, Nos. 101, 104, 109, 112, 201, 204, 209, 212, 301, 304, 309, 312.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN FOR 1914

Mervin Washington Bliss	Ralph Alphonso Lawrence
Percival Floyd Bliss	Hallock Luce, Jr.
John Tilney Carpenter	Alfred Edward Mallon
*Maurice Frederick Childs	George Verdi Morse
*Frank Halliday Ferris	*Philip West Payne
*Frank Clifford Finch	Lowell Shumway
*Charles Glann	Cameron Whiteford
Guy Harry Gundaker	

The Bond Prize was awarded in 1914 to Maurice Frederick Childs.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a grade of 88 per cent. are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a grade of 85 per cent. are, on recommendation of the Faculty, elected members of the society.

* Selected by competition as Commencement Speakers.

PHI BETA KAPPA 1914

President: PROFESSOR JOHN M. TYLER, PH.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: FREDERICK C. ALLEN.

First Drawing, Class of 1915

Walter Raymond Agard

Frederick Crosby Allen

George Leon Cutton

Louis Franklin Eaton

Stuart Franklin Heinritz

Sidney Raymond Packard

Hollis Winslow Plimpton

Second Drawing, Class of 1914

Mervin Washington Bliss

Percival Floyd Bliss

John Tilney Carpenter

Frank Halliday Ferris

Frank Clifford Finch

Guy Harry Gundaker

Hallock Luce, Jr.

Alfred Edward Mallon

Philip West Payne

Cameron Whiteford

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:

(1) The candidate must complete at least four advanced semester courses in connection with two of which special work of collateral reading or investigation must be done. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than 80 per cent in all studies of the college course; an average standing of not less than 75 per cent in each study of Senior year, and of 90 per cent in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

FINAL HONORS 1913-1914

John Cuthbert Long	}	<i>English</i>
Frank Halliday Ferris		
Percival Floyd Bliss	}	<i>Greek</i>
John Tilney Carpenter		
Percival Floyd Bliss	}	<i>Mathematics</i>
Charles Glann		
Hallock Luce, Jr.	}	<i>Modern Government and International Law</i>
Alfred Edward Mallon		
George Verdi Morse		

HONORABLE MENTION

Honorable mention is awarded in the various departments under the following conditions:

(1) There must be a standing of not less than 75 per cent in every department for the year.

(2) An average of 93 per cent must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

HONORABLE MENTION

1913-1914

Astronomy

1915 Hollis Winslow Plimpton

1915 George Keyes Ripley

Chemistry

- | | | | |
|------|----------------------|------|---------------------|
| 1915 | Francis Wesley Blair | 1915 | Everett Webb Fuller |
| 1917 | Harold Addison Smith | | |

Economics

- | | |
|------|-----------------------|
| 1914 | James Richard Kimball |
|------|-----------------------|

English

- | | | | |
|------|----------------------|------|--------------------------|
| 1914 | Fred Everett Glass | 1914 | Harold Ernest Jewett |
| 1914 | John Cuthbert Long | 1914 | Philip West Payne |
| 1915 | Walter Raymond Agard | 1915 | Stuart Franklin Heinritz |

French

- | | | | |
|------|-----------------------|------|------------------------|
| 1914 | Cameron Whiteford | 1915 | Sidney Raymond Packard |
| 1916 | Wilbur Clark Knowlton | | |

German

- | | | | |
|------|------------------------|------|------------------------|
| 1914 | Guy Harry Gundaker | 1914 | Cameron Whiteford |
| 1915 | Robert Andrew McCague | 1915 | Sidney Raymond Packard |
| 1916 | Eugene Stinson | 1917 | George Everett Baril |
| 1917 | Morris Albert Copeland | 1917 | Franklin Powers Hawkes |

Greek

- | | | | |
|------|-----------------------|------|----------------------|
| 1914 | Frank Halliday Ferris | 1914 | Percival Floyd Bliss |
| 1915 | Walter Raymond Agard | 1914 | Cameron Whiteford |

History

- | | | | |
|------|-----------------------|------|------------------------|
| 1914 | John Tilney Carpenter | 1914 | Frank Clifford Finch |
| 1914 | Charles Glann | 1915 | Sidney Raymond Packard |

Italian

- | | |
|------|--------------------|
| 1914 | Guy Harry Gundaker |
|------|--------------------|

Latin

- | | | | |
|------|-----------------------|------|-----------------------|
| 1914 | Frank Halliday Ferris | 1915 | Robert Andrew McCague |
| 1916 | Lewis Mansfield Knapp | 1917 | George Everett Baril |
| 1917 | John Dodge Clark | 1917 | Carroll Blakely Low |

Mathematics

- | | | | |
|------|-------------------------|------|-------------------------|
| 1914 | Mervin Washington Bliss | 1914 | Charles Glann |
| 1914 | Ralph Alphonso Lawrence | 1915 | George Leon Cutton |
| 1915 | Robert Selden Moulton | 1915 | Hollis Winslow Plimpton |
| 1915 | Homer Morgan Smith | 1915 | James Kellum Smith |
| 1916 | Tony Barone | 1917 | Morris Albert Copeland |
| 1917 | Bradford Fisher Kimball | 1917 | Harold Addison Smith |

Modern Government and International Law

- 1914 Hallock Luce, Jr.
1914 George Verdi Morse

Music

- 1916 Lewis Mansfield Knapp 1916 Eugene Stinson

Philosophy

- 1914 Frank Halliday Ferris

Physics

- 1914 Frank Clifford Finch 1915 Hollis Winslow Plimpton
1916 William Goodwin Avirett 1916 Charles Hanchett Hitchcock

Prizes

THE following prizes are offered annually for proficiency in the work of several departments of collegiate study:

GREEK

The **Hutchins Prize**, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

Awarded in 1914 to Walter Raymond Agard of the Class of 1915.

LATIN

The **Bertram Prizes**, of fifty dollars each, given by the late John Bertram of Salem. For the year 1914-1915, one of the prizes is awarded to that student who, together with attaining a high average in the work of Latin 7, presents the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 8, presents the best essay on the *Æneid* of Vergil with especial reference to the literary qualities of the last six books, to the successful employment of the Latin hexameter and to the influence of Vergil on subsequent writers.

Awarded in 1914 to Frank Halliday Ferris of the Class of 1914, and James Kellum Smith of the Class of 1915.

Two Junior Prizes, of thirty dollars each. For the year 1914-1915, one of the prizes is awarded to that student who, together with attaining a high average in Latin 5, presents the best papers on topics connected with the study of Roman Satire; the other prize is awarded to that student who, together with attaining a high average in the work of Latin 6, presents the best essay on a topic connected with the study of the *Annales* of Tacitus.

Awarded in 1914 to George Rolfe Humphries of the Class of 1914 and James Kellum Smith of the Class of 1915 for excellence in Latin 5, George Rolfe Humphries of the Class of 1914 for excellence in Latin 6.

The **Billings Prizes**, of thirty and of twenty dollars, given by the late Parmly Billings of the Class of 1884, for general excellence in the work of

the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

In 1914 the sum of thirty dollars was awarded to William Goodwin Avirett of the Class of 1916 and twenty dollars to Robert Matthews Proctor of the Class of 1916.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

Awarded in 1914, first prize to Everett Merrill Root of the Class of 1917; second prize to Harold Addison Smith, of the Class of 1917.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

Awarded in 1913 to William Cole Esty, 2d, of the Class of 1916, and Mortimer Eisner of the Class of 1917.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

Awarded in 1914: first prize to John Windrum Strahan of the Class of 1914; second prize to Charles Parks Rugg of the Class of 1914.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the Class of 1894, in memory of his father, Henry D. Hyde, of the Class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

Awarded in 1914 to John Windrum Strahan of the Class of 1914.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the Class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

Awarded in 1914 to Maurice Frederick Childs of the Class of 1914.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the Class of 1875, for the best essay upon one of the subjects announced by the English department?

Awarded in 1913 to John Cuthbert Long of the Class of 1914.

The Class-of-1884 Oratorical Prize, of twenty-five dollars, given by a member of the Class of 1884, to the orator who is chosen to represent Amherst in the New England Intercollegiate Oratorical Contest.

Awarded in 1914 to Frank Halliday Ferris of the Class of 1914.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the Class of 1880, to Juniors for excellence in debate.

Divided equally in 1913 among Fenimore Cady, Harry Wing Cole, Raymond Buxton Cooper, John Theodore Cross, Newton Manross Kimball, Edwin Harold Konold, Arthur Edward Ralston, Edward Alfred Van Valkenburg of the Class of 1915.

The Armstrong Prizes, of fifty dollars in books, given by Collin Armstrong of the Class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

Awarded in 1914: First prize to Henry Willis Wells; second prize to Paul Alexander Jenkins; third prize to Morris Albert Copeland of the Class of 1917.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the Class of 1879. For the year 1914-1915 the prize will be assigned for the best work in the English course, 11 and 12, together with the best examination upon the dramatic work of Christopher Marlowe.

Awarded in 1914 to Wilson Macdonald of the Class of 1915.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars given by Henry C. Folger, Jr., of the Class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

Second prize awarded in 1914 to Frank Halliday Ferris of the Class of 1914.

The Mitre Prizes for imaginative writing. Offered annually through *The Mitre*, a literary organization of the college, by F. Prentice Abbot, Jr., of the class of 1911. They include various sums for a novelette, one-act play, short story, verse, etc. Detailed announcement of these prizes will be made at the beginning of each college year.

Awarded in 1914: \$50 for novelette, Harold Ernest Jewett of the Class of 1914; \$35 for one-act play, Fred Everett Glass of the Class of 1914; \$25 for short story, Eugene Stinson of the Class of 1916; \$20 for long poem, Thomas Boston Munro, of the Class of 1916; \$10 for light verse, Cameron Whiteford of the Class of 1916.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Awarded in 1914: first prize to Elbridge Alvah Goodhue of the Class of 1917; second prize to Morris Albert Copeland of the Class of 1917.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

Awarded in 1914: first prize to Scott Milross Buchanan of the Class of 1916; second prize *not awarded*.

The award in each case is determined by an examination.

The Porter Prizes, of twenty dollars for proficiency in first year physics and astronomy, given by the late Eleazer Porter of Hadley.

Awarded in Physics in 1914 to William Goodwin Avirett of the Class of 1916 with honorable mention to Charles Hanchett Hitchcock of the Class of 1916; in Astronomy, to Louis Franklin Eaton of the Class of 1915.

The A. C. James Prize, of fifty dollars, for proficiency in the study of navigation.

Awarded in 1914 to Frank Clifford Finch, of the Class of 1914; honorable mention to Leslie Oliver Johnson, 1915, Hollis Winslow Plimpton, 1915.

A prize of thirty dollars, given by a member of the Class of 1884, for proficiency in the second year's course in Physics.

Awarded in 1914 to Hollis Winslow Plimpton of the Class of 1915.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the Class of 1824, to members of the Senior class in mineralogy.

Awarded in 1914 to Wendell Phillips Shattuck of the Class of 1914.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

Awarded in 1914 to Phillips Foster Greene of the Class of 1915; honorable mention to Hallock Luce, Jr., 1914.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene. (Withdrawn after 1913-1914.)

Awarded in 1914: first prize to Richard Townley Hobart of the Class of 1917; second prize to Frank MacDonald Sleeper of the Class of 1917.

The A. Lyman Williston Prizes in Physical Education, of seventy-five dollars, given by A. Lyman Williston of Northampton in memory of his friend, teacher and co-trustee of Mount Holyoke College and Williston Seminary, Dr. Edward Hitchcock.

To the two members of the Freshman class who attain the highest rank in the course on personal hygiene, fifteen and ten dollars.

To the two members of the Junior class who, in the opinion of the department, have profited most from their three years' work in the Department of Hygiene and Physical Education, thirty and twenty dollars. (Beginning with the year 1914-1915.)

A scholarship of fifty dollars at the Woods Hole Marine Laboratory given annually by the Phi Delta Theta Fraternity to that student who has shown the greatest proficiency in Biology.

Awarded in 1914 to Phillips Foster Greene of the Class of 1915.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazer Porter, of Hadley, to the student who passes the best examination in an ancient language, English and Mathematics, at an examination in October open to all members of the entering class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

Awarded in 1914-1915 to Carter Lyman Goodrich of the Class of 1918 who prepared for College at the Montclair, N. J., high school.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the Class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

Not awarded in 1914.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the Class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Awarded in 1914 to Sydney Dakin Chamberlain of the Class of 1914.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in

regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn. A prize of twenty-five dollars is given for the best original song.

Awarded in 1914 to the Class of 1916.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually, under conditions determined by the Faculty, to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one-half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858 awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred and fifty thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent, whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1, a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal or teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: one hundred and forty dollars, one hundred and twenty-five dollars, and one hun-

dred and ten dollars, the amount being credited on tuition bills. Scholarships of the first grade are awarded to students whose average standing is A (90% to 100%), of the second grade, to students whose average standing is B (80% to 89%); of the third grade, to students whose average standing is C (70% to 79%). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70% shall be maintained. Those who intend to enter the Christian ministry are awarded scholarships on the above conditions.

Awards are made from the income of the following funds:

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000, established by a member of the Class.

The Moore Beneficiary Fund, \$18,000, established by Rev. Zephaniah Swift Moore, D.D., first president of the college.

The William Hilton Scholarship Fund, \$22,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$11,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, \$10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, \$6,000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.

The Harry L. Wilbur Scholarship Fund, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, \$5000, the bequest of Ivory H. Bartlett, Jr., of New Bedford.

The Addison Brown Scholarship Fund, \$5000, the bequest of Addison Brown of the Class of 1852, of New York. The Addison Brown Scholarship is awarded annually to that member of the Senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the Freshman, Sophomore and Junior years.

The Danforth Keyes Bangs Scholarship Fund, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, \$3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, \$3000, the bequest of Lucius J. Knowles of Worcester.

A Scholarship Fund, \$3000, established by a friend of the College.

Class of 1861 Scholarship Fund, \$3000, established by the Class.

The Class of 1878 Scholarship Fund, \$3000, established by the Class.

Class of 1880 Scholarship Fund, \$3000, established by the Class.

The Reed Scholarship Fund, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, \$2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, \$2500, established by the Class.

The Charles Merriam Scholarship Fund, \$2400, established by Charles Merriam of Springfield.

The Class of 1860 Scholarship Fund, \$2200, established by the Class.

The Persian Scholarship Fund, \$2000, the bequest of Rev. James L. Merrick of Amherst.

The Quincy Tufts Scholarship Fund, \$2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, \$2000, established by Robert J. Kimball of Brooklyn, N. Y.

The Morse Scholarship Fund, \$2000, established by Charles L. Morse of the Class of 1901.

The Draper Scholarship Fund, \$2000, established by Warren F. Draper of the Class of 1847.

The Alexander H. Bullock Scholarship Fund, \$1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, \$1500, established by the Class.

The Class of 1853 Scholarship Fund, \$1500, established by the Class.

The Class of 1871 Scholarship Fund, \$1500, established by the Class.

The Class of 1855 Scholarship Fund, \$1100, established by the Class.

The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class of 1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of:

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Fund, established jointly by the following classes:

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

The John C. Kimball Class of 1854 Fund, by bequest of John C. Kimball of Greenfield, Mass.

Funds yielding the following amounts annually:

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

STUDENT LOAN FUND

Through the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

The committee on student loans meets weekly for the consideration of student loans. Application blanks may be obtained at the Treasurer's office. It is the policy of the committee not to make any loan until at least one semester of the college course has been completed.

Enrollment

GRADUATE STUDENTS

Greene, Theodore Ainsworth, B.A. 1913	<i>Middletown, Conn.</i>	
	409 Morris Pratt Memorial Dormitory	
Renfrew, Franklin Ward, B.S. 1914	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House

SENIOR CLASS

Agård, Walter Raymond	<i>Austin, Tex.</i>	Α Δ Φ House
Allen, Frederiek Crosby	<i>Auburndale, Mass.</i>	K Θ House
Atwater, John Jacob	<i>Westhampton Beach, N. Y.</i>	Ψ T House
Bacon, Richard Hamlin	<i>Newton Upper Falls, Mass.</i>	
		Δ K E House
Bancroft, Richard	<i>Wellesley, Mass.</i>	Φ Δ Θ House
Banfield, Richard	<i>Austin, Minn.</i>	Φ K Ψ House
Banta, Kenneth Whittemore	<i>Syracuse, N. Y.</i>	Δ K E House
Barnes, William Gerald	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Blair, Francis Wesley	<i>Amherst, Mass. 12 Northampton Road</i>	
Bratt, George Cleveland, Jr.	<i>Grand Rapids, Mich.</i>	Δ T House
Breckenridge, Warren Allen	<i>Omaha, Neb.</i>	
	401 Morris Pratt Memorial Dormitory	
Bronk, James Edmund	<i>Amsterdam, N. Y.</i>	Ψ T House
Bulger, Maurice Scott	<i>Uniontown, Pa.</i>	
	401 Morris Pratt Memorial Dormitory	
Cady, Fenimore	<i>Amherst, Mass.</i>	Α Δ Φ House
Campbell, John Warnock	<i>Montclair, N. J.</i>	15 Amity Street
Chapman, Frederick Leslie, Jr.	<i>Lake Geneva, Wis.</i>	Ψ T House
Clapperton, George Douglass	<i>Grand Rapids, Mich.</i>	Δ T House
Clark, Dwight Nelson	<i>Norfolk, Conn.</i>	Φ Δ Θ House
Cole, Harry Wing	<i>Saratoga Springs, N. Y.</i>	X Φ House
Cole, Joseph Gerald	<i>Brooklyn, N. Y.</i>	X Φ House
Cooper, Raymond Buxton	<i>Des Moines, Iowa</i>	Δ K E House
Craig, James Wallace	<i>Boston, Mass.</i>	Α Δ Φ House
Crilly, William Michael, Jr.	<i>Chicago, Ill.</i>	
	408 Morris Pratt Memorial Dormitory	
Cross, John Theodore	<i>Utica, N. Y.</i>	Α Δ Φ House
Curry, Clarence Pratt	<i>Portland, Ore.</i>	Ψ T House
Cutler, David Sanford	<i>New York, N. Y.</i>	Α Δ Φ House

Cutton, George Leon	<i>Brockport, N. Y.</i>	Σ Δ P House
Eastman, Gardner Pettee	<i>Orange, N. J.</i>	
	412 Morris Pratt Memorial Dormitory	
Eaton, Louis Franklin	<i>Brockton, Mass.</i>	X Φ House
Elliot, Arthur Henry	<i>Port Jefferson, N. Y.</i>	Φ Γ Δ House
Fuller, Everett Webb	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
Fuller, Randolph Mercein	<i>Brooklyn, N. Y.</i>	X Ψ House
Garfield, Edward Chandler	<i>York Village, Me.</i>	
	71 South Pleasant Street	
Gaus, John Merriman	<i>Utica, N. Y.</i>	A Δ Φ House
Goodwin, Arthur Prentice	<i>Pittsfield, Mass.</i>	Δ K E House
Greene, Phillips Foster	<i>Upper Montclair, N. J.</i>	Δ T House
Hall, Gordon Rexford	<i>Brookline, Mass.</i>	X Ψ Lodge
Hayner, John Clifford	<i>Yonkers, N. Y.</i>	Θ Δ X House
Heald, Stanley	<i>South Weymouth, Mass.</i>	Δ K E House
Heinritz, Stuart Franklin	<i>Holyoke, Mass.</i>	Σ Δ P House
Herrschaft, Coleman Philip	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Houston, Charles Hamilton	<i>Washington, D. C.</i>	
	404 Morris Pratt Memorial Dormitory	
Hubner, George Hartmann	<i>Brooklyn, N. Y.</i>	Ψ T House
Hunneman, William Cooper, Jr.	<i>Brookline, Mass.</i>	Δ K E House
Johnson, Leslie Obear	<i>Malden, Mass. Chemistry Laboratory</i>	
Jones, Marshall Walker, Jr.	<i>Winchester, Mass.</i>	Φ K Ψ House
Keith, Gerald	<i>Brockton, Mass.</i>	X Φ House
Kimball, Newton Manross	<i>Orange, Mass.</i>	Δ K E House
Kingman, Henry Seldon	<i>Minneapolis, Minn.</i>	X Φ House
Konold, Edwin Harold	<i>Oak Park, Ill.</i>	Δ T House
Langspecht, Henry Thomas	<i>Brooklyn, N. Y.</i>	Φ K Ψ House
Lincoln, Joseph Newhall	<i>Quincy, Mass.</i>	Φ Γ Δ House
Lind, John Eugene	<i>Brooklyn, N. Y.</i>	Σ Δ P House
Lott, James Cropsey	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Lyon, Harold Alpheus	<i>Brockton, Mass.</i>	Φ K Ψ House
McCague, Robert Andrew	<i>Omaha, Neb.</i>	X Ψ Lodge
Macdonald, Wilson	<i>Westfield, N. Y.</i>	K Θ House
McGowan, Robert Reed	<i>Steubenville, Ohio</i>	X Φ House
McNair, Maurice Lloyd	<i>Los Angeles, Cal.</i>	Φ K Ψ House
McTernan, Everett Francis	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Mandrey, William Henry	<i>Mount Vernon, N. Y.</i>	
	11 Gaylord Street	
Manville, Arthur Jeremiah	<i>New Haven, Conn.</i>	Φ Γ Δ House
Many, Harold Chase	<i>Port Jefferson, N. Y.</i>	13 Spring Street

Martin, Charles Daniel	<i>Northampton, Mass.</i>	
Moulton, Robert Seldon	<i>Poughkeepsie, N. Y.</i>	X Φ House
Newton, Francis Chandler	<i>Reading, Mass.</i>	Δ T House
O'Connor, Gordon Francis	<i>Antigo, Wis.</i>	40 Main Street
Packard, Sidney Raymond	<i>Brockton, Mass.</i>	K Θ House
Person, Raymond Scott	<i>Holyoke, Mass.</i>	K Θ House
Phillips, John Milton	<i>New London, Conn.</i>	Θ Γ Δ House
Plimpton, Hollis Winslow	<i>Norwood, Mass.</i>	Δ K E House
Pratt, Richardson	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Price, Stuart Eugene	<i>Columbus, Ohio</i>	Δ T House
Ralston, Arthur Edward	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Ripley, George Keyes	<i>Troy, N. H.</i>	Φ Γ Δ House
*Robinson, Richard Alexander, 3d	<i>Louisville, Ky.</i>	A Δ Φ House
Rollins, Dana Funk	<i>Bloomington, Ill.</i>	
	412 Morris Pratt Memorial Dormitory	
Shumway, Conrad	<i>Brooklyn, N. Y.</i>	Σ Δ P House
Smith, Homer Morgan	<i>Redding, Conn.</i>	Θ Δ X House
Smith, James Kellum	<i>Towanda, Pa.</i>	X Ψ Lodge
Smith, James Nichols	<i>Hartford, Conn.</i>	Ψ T House
Smith, Lowell Ridgeway	<i>Winchester, Mass.</i>	Ψ T House
Snider, Joséph Lyons	<i>Uniontown, Pa.</i>	Φ K Ψ House
Swasey, Henry Cleveland	<i>South Berwick, Me.</i>	Φ K Ψ House
Thayer, William Greenough, Jr.	<i>Southboro, Mass.</i>	Ψ T House
Tomlinson, Jay Brinkerhoff	<i>Mount Holly, N. J.</i>	Φ K Ψ House
Van Valkenburg, Edward Alfred	<i>Greene, N. Y.</i>	Δ T House
Wales, Horatio, Jr.	<i>Polo, Ill.</i>	Φ Γ Δ House
Warren, Webster Hamlin	<i>Falmouth, Mass.</i>	X Φ House
Washburn, Arthur Hoyt	<i>Boston, Mass.</i>	Δ T House
Weathers, Paul Dyess	<i>Ocala, Fla.</i>	Ψ T House
Webster, Leslie Tillotson	<i>Mount Vernon, N. Y.</i>	A Δ Φ House
Whiting, William, 2d	<i>Holyoke, Mass.</i>	3 Northampton Road
Whitmore, George Deming	<i>Holyoke, Mass.</i>	K Θ House
Whitten, Philip Francis	<i>Holyoke, Mass.</i>	11 So. Prospect Street
†Williams, John Richard	<i>New York, N. Y.</i>	C North College

*Special Student.

†Provisional enrollment.

JUNIOR CLASS

Ames, Charles Burton	<i>West Newton, Mass.</i>	X Ψ Lodge
Anderson, Robert Jeffrey	<i>Clinton, Mass.</i>	Σ Δ P House
Andrews, Edward Deming	<i>Pittsfield, Mass.</i>	Δ T House
Ashley, Thomas William	<i>Deerfield, Mass.</i>	A Δ Φ House
Avirett, William Goodwin	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Baker, Walton Chamberlain	<i>Springfield, Mass.</i>	Θ Δ X House
Barnes, Henry Walter, Jr.	<i>Plymouth, Mass.</i>	Θ Δ X House
Barone, Tony	<i>North Collins, N. Y.</i>	8 Spring Street
Bixler, Julius Seelye	<i>New London, Conn.</i>	A Δ Φ House
*Blanchard, Dean	<i>Winchester, Mass.</i>	Φ K Ψ House
Boynton, Merrill Holmes	<i>Bristol, R. I.</i>	Ψ T House
Brewton, Harold George	<i>Gloucester, Mass.</i>	Φ Δ Θ House
Brown, Charles Henry	<i>Chicago, Ill.</i>	A Δ Φ House
Buchanan, Scott Milross	<i>Pittsfield, Mass.</i>	Δ T House
Chandler, Hazen Atherton	<i>Montpelier, Vt.</i>	Δ K E House
Chapman, William Gilger	<i>Russell, Pa.</i>	Φ Δ Θ House
Clark, Franklin Stetson	<i>North Amherst, Mass.</i>	Θ Δ X House
Colton, Kingsley Buel	<i>Chicago, Ill.</i>	Φ Δ Θ House
Conant, Hezekiah Nelson	<i>Pawtucket, R. I.</i>	Ψ T House
Dayton, Theodore Read	<i>Georgetown, Conn.</i>	Δ T House
Dent, Francis Morse	<i>Washington, D. C.</i>	4 North College
Douglas, Lewis William	<i>Douglas, Ariz.</i>	A Δ Φ House
Edwards, Theodore Caldwell	<i>Brooklyn, N. Y.</i>	
	211 Morris Pratt Memorial Dormitory	
Esty, William Cole, 2d	<i>Bethlehem, Pa.</i>	Ψ T House
Fairhurst, Charles Joseph	<i>Paterson, N. J.</i>	X Φ Annex
Ferguson, Eralsey Clark	<i>Brookline, Mass.</i>	Φ Δ Θ House
Gates, William, Jr.	<i>Pittsburgh, Pa.</i>	Ψ T House
Gillett, Robert Swift	<i>Hartford, Conn.</i>	A Δ Φ House
Gillies, Harold Lusk	<i>Nyack, N. Y.</i>	Ψ T House
Gilligan, James Tierney	<i>Holyoke, Mass.</i>	
Goodridge, Edwin Harrison	<i>Fitchburg, Mass.</i>	Φ K Ψ House
Greene, Paul Stevens	<i>Boston, Mass.</i>	
	203 Morris Pratt Memorial Dormitory	
Hardy, Donald Egbert	<i>Amherst, Mass.</i>	15 Lincoln Avenue
Heavens, Howard Joseph	<i>Plymouth, Mass.</i>	Σ Δ P House
Hitchcock, Charles Hanchett	<i>Chittenango, N. Y.</i>	Φ K Ψ House

*Special Student.

Hughes, Percy Meredith, Jr.	<i>Syracuse, N. Y.</i>	Ψ T House
Jenkins, John Maxey	<i>Montrose, Pa.</i>	Nash Block
Johnson, Herbert Gale	<i>Amherst, Mass.</i>	K Θ House
Katz, Richard, Jr.	<i>New York, N. Y.</i>	15 Amity Street
Keeney, George Nelson	<i>New London, Conn.</i>	Θ Δ X House
Knapp, Lewis Mansfield	<i>Groton, Mass.</i>	Δ T House
Knowlton, Wilbur Clark	<i>Kirkwood, Mo.</i>	
	302 Morris Pratt Memorial Dormitory	
Lane, George Homer	<i>West Hartford, Conn.</i>	A Δ Φ House
Leonard, Wallace Minot, Jr.	<i>Newton Highlands, Mass.</i>	Δ K E House
Lutkins, Edwin Henry	<i>Hackensack, N. J.</i>	K Θ House
McCloy, John Snader	<i>Philadelphia, Pa.</i>	
	3 Northampton Road	
Marks, Alan David	<i>New York, N. Y.</i>	
	301 Morris Pratt Memorial Dormitory	
Marshall, Donald Earle	<i>Amherst, Mass.</i>	4 Nutting Avenue
Milne, Douglas Duncan	<i>Searsdale, N. Y.</i>	Ψ T House
Munro, Thomas Boston	<i>Allendale, N. J.</i>	X Ψ Lodge
Neiley, Geoffrey Cooke	<i>Winchester, Mass.</i>	Ψ T House
Noyes, Radcliffe Dana	<i>Montclair, N. J.</i>	Δ T House
Otte, Francis Robert	<i>Grand Rapids, Mich.</i>	Ψ T House
Park, Robert Hodges	<i>Taunton, Mass.</i>	
	303 Morris Pratt Memorial Dormitory	
Peck, Charles Baldwin, Jr.	<i>Rochester, N. Y.</i>	Ψ T House
Proctor, Robert Matthews	<i>Corning, N. Y.</i>	Physical Laboratory
Reber, John Uhrich	<i>Reading, Pa.</i>	Ψ T House
Redfield, Humphrey Fuller	<i>Washington, D. C.</i>	A Δ Φ House
Reel, Howard Finlay	<i>Roxbury, Ohio</i>	Φ Δ Θ House
*Rider, Stuart Williams	<i>Auburndale, Mass.</i>	A Δ Φ House
Robinson, Homans	<i>Springfield, Mass.</i>	
	212 Morris Pratt Memorial Dormitory	
Sawyer, Edmund Ellis	<i>Hackensack, N. J.</i>	K Θ House
Sawyer, Harold Edmund	<i>Pawtucket, R. I.</i>	Ψ T House
*Seamans, Elton Henry	<i>Springfield, Mass.</i>	Φ Γ Δ House
Shaw, Leo Nelson	<i>Auburn, N. Y.</i>	Θ Δ X House
†Smith, Robert Williams	<i>Lakeside, Ohio</i>	19 Main Street
Smith, Winthrop Hiram	<i>South Hadley Falls, Mass.</i>	
	212 Morris Pratt Memorial Dormitory	
Stearns, Douglas Clark	<i>Norfolk, Conn.</i>	X Ψ Lodge

*Special Student.

†Provisional enrollment.

Stevenson, David
 Stiles, Wayne Peffers
 Stinson, Eugene
 *Tow, William H.
 Ver Nooy, Lester Carlton
 Washburn, Alfred Hamlin
 Washburn, George Winslow
 Weeden, Charles Foster, Jr.
 Whetstone, Lambert Frye
 White, Arthur Platt
 Wood, Lee Blair
 Young, Burbank Chase
 Young, Laurence Henry
 Young, Malcolm Oakman

*Special Student.

<i>Gilmanton, N. H.</i>	5 McClellan Street
<i>Amherst, Mass.</i>	R. F. D. No. 1
<i>Evansville, Ind.</i>	Φ K Ψ House
<i>New York, N. Y.</i>	Gymnasium
<i>Cortland, N. Y.</i>	Φ K Ψ House
<i>Boston, Mass.</i>	Δ T House
<i>Brockton, Mass.</i>	X Φ Annex
<i>Dorchester, Mass.</i>	A Δ Φ House
<i>Germantown, Pa.</i>	A Δ Φ House
<i>Corning, N. Y.</i>	K Θ House
<i>Corry, Pa.</i>	Φ K Ψ House
<i>Rochester, N. Y.</i>	X Ψ Lodge
<i>Bloomington, Ill.</i>	Σ Δ P House
<i>North Hanover, Mass.</i>	
210 Morris Pratt Memorial Dormitory	

SOPHOMORE CLASS

Anthony, Henry Franklin	<i>Providence, R. I.</i>	Φ Δ Θ House
Baer, Bernard Louis	<i>New York, N. Y.</i>	
	201 Morris Pratt Memorial Dormitory	
Baily, George Irving	<i>Brooklyn, N. Y.</i>	
	209 Morris Pratt Memorial Dormitory	
Baker, Charles Howard	<i>Sharon, Mass.</i>	Δ Κ Ε House
Baker, Myers Elliott	<i>Great Neck, N. Y.</i>	Κ Θ House
Ball, Ralph B.	<i>Corning, N. Y.</i>	Physics Laboratory
Banta, Henry Hyde	<i>Syracuse, N. Y.</i>	Δ Κ Ε House
Baril, George Everett	<i>Holyoke, Mass.</i>	Σ Δ Ρ House
Bartholomew, Charles Henry	<i>Binghamton, N. Y.</i>	Δ Κ Ε House
Bell, Carlton Leroy	<i>Attleboro, Mass.</i>	
	211 Morris Pratt Memorial Dormitory	
Bell, Frederick Drake	<i>New York, N. Y.</i>	Δ Τ House
Boyd, Harmon Shove	<i>Woodbury, Conn.</i>	Κ Θ House
Bristol, Ralph Buffum	<i>Glen Ridge, N. J.</i>	Δ Κ Ε House
Brown, Osborn Whitney	<i>Ben Aron, Pa.</i>	Φ Δ Θ House
Brown, Theodore Everett	<i>Worcester, Mass.</i>	Φ Γ Δ House
Buckley, Frank Lawrence	<i>Holyoke, Mass.</i>	6 Northampton Road
Carpenter, Kenneth deForest	<i>Brooklyn, N. Y.</i>	Ψ Τ House
Clark, John Dodge	<i>Brooklyn, N. Y.</i>	Θ Δ Χ House
Clark, Lloyd Montgomery	<i>Boston, Mass.</i>	Φ Κ Ψ House
Clarke, Arthur Merriam	<i>Wellesley, Mass.</i>	
	111 Morris Pratt Memorial Dormitory	
Cochrane, Craig Parsons	<i>Rochester, N. Y.</i>	
	308 Morris Pratt Memorial Dormitory	
Copeland, Morris Albert	<i>Rochester, N. Y.</i>	8 Spring Street
Craig, David Rankin, Jr.	<i>Boston, Mass.</i>	Α Δ Φ House
Creamer, John Francis, Jr.	<i>Fall River, Mass.</i>	Δ Κ Ε House
DeBevoise, Herbert R.	<i>Newark, N. J.</i>	
	306 Morris Pratt Memorial Dormitory	
D'Ooge, Benjamin Stanton	<i>Ipsilanti, Mich.</i>	Ψ Τ House
Downer, Ernest Page	<i>Montrose, Pa.</i>	Nash Block
Eisner, Mortimer	<i>Newark, N. J.</i>	
	201 Morris Pratt Memorial Dormitory	
Fillman, Henry Ingerton	<i>New York, N. Y.</i>	
	204 Morris Pratt Memorial Dormitory	
Fisher, Robert Miller	<i>Indiana, Pa.</i>	Φ Κ Ψ House

†Fraker, Walter Potter	<i>Duluth, Minn.</i>	A Δ Φ House
Gazley, John Gerow	<i>White Plains, N. Y.</i>	Φ K Ψ House
Glann, James Everett	<i>Cortland, N. Y.</i>	
	407 Morris Pratt Memorial Dormitory	
Goodhue, Elbridge Alvah	<i>Haydenville, Mass.</i>	19 Main Street
Goodrich, Sheldon Baker	<i>Taunton, Mass.</i>	
	405 Morris Pratt Memorial Dormitory	
Hale, David Clendon	<i>Cambridge, Mass.</i>	X Φ Annex
Hawkes, Franklin Powers	<i>North Attleboro, Mass.</i>	
		15 Amity Street
Hawkins, James Alexander	<i>Springfield, Mass.</i>	Σ Δ P House
Hinman, George	<i>St. Johnsbury, Vt.</i>	Δ K E House
Hobart, Richard Townley	<i>Upper Montclair, N. J.</i>	
	409 Morris Pratt Memorial Dormitory	
Howard, Samuel Anton, Jr.	<i>Rutland, Vt.</i>	
	206 Morris Pratt Memorial Dormitory	
Ivimey, Theodore	<i>New York, N. Y.</i>	Δ T House
Jenkins, Paul Alexander	<i>Chicago, Ill.</i>	3 Northampton Road
Jessup, Charles J.	<i>Brooklyn, N. Y.</i>	Mount Doma
Johnson, Brooks Elmo	<i>New Rochelle, N. Y.</i>	
	307 Morris Pratt Memorial Dormitory	
Jones, Chandler Tracy	<i>Orleans, Mass.</i>	K Θ House
Kambour, Theodore	<i>Plymouth, N. H.</i>	Σ Δ P House
Kimball, Bradford Fisher	<i>Amherst, Mass.</i>	25 Woodside Avenue
Kohout, Harry Joseph	<i>Amherst, Mass.</i>	3 Parsons Street
Lanyon, William Edward	<i>St. Louis, Mo.</i>	Ψ T House
*Lemcke, Norman Rhode	<i>New York, N. Y.</i>	Gymnasium
Lewis, Cyril Blackmore	<i>Ypsilanti, Mich.</i>	A Δ Φ House
Loomis, Edward Francis	<i>Haydenville, Mass.</i>	Θ Δ X House
Loomis, William Fitch	<i>Bedford, Mass.</i>	Θ Δ X House
Low, Carroll Blakely	<i>Brooklyn, N. Y.</i>	X Ψ Lodge
McCague, Lawrence Minot	<i>Omaha, Neb.</i>	
	306 Morris Pratt Memorial Dormitory	
McGarrahan, John Cooley	<i>Cohoes, N. Y.</i>	
	202 Morris Pratt Memorial Dormitory	
McGowan, Charles Batchelor	<i>Steubenville, Ohio</i>	X Φ Annex
McGowan, Royal Edmund	<i>Youngstown, N. Y.</i>	
	407 Morris Pratt Memorial Dormitory	
Maloney, Edward James	<i>Amherst, Mass.</i>	
		12 South Prospect Street

*Special Student.

†Provisional enrollment.

Marks, Eric Henry	<i>New York, N. Y.</i>	
Marks, Frederic Bliss	301 Morris Pratt Memorial Dormitory <i>Newtonville, Mass.</i>	Δ K E House
Marples, Edward Stuart	<i>Evanston, Ill.</i>	
Mason, Alfred DeWitt	206 Morris Pratt Memorial Dormitory <i>Brooklyn, N. Y.</i>	X Ψ Lodge
Masten, Richard Leopold	<i>Camas, Wash.</i>	Θ Δ Φ House
Maurer, Keith Landon	<i>Northampton, Mass.</i>	Φ Δ Θ House
Maynard, Charles Edgar	<i>Northampton, Mass.</i>	
Melcher, Herbert Henry	<i>Mt. Vernon, N. Y.</i>	
Metcalf, Robert Drayton	307 Morris Pratt Memorial Dormitory <i>Norwood, Mass.</i>	K Θ House
Middleton, Robert Avery	<i>Utica, N. Y.</i>	X Φ House
Miller, William Melbourne	<i>Croton-on-Hudson, N. Y.</i>	
		Θ Δ X House
Moginot, Francis Louis	<i>St. Louis, Mo.</i>	Θ Δ X House
Moore, Henry Wilson	<i>Brockport, N. Y.</i>	Ψ T House
Morse, Edward Wilson	<i>Worcester, Mass.</i>	Φ Γ Δ House
Munroe, Robert	<i>Oakmont, Pa.</i>	Ψ T House
Nelligan, Thomas Hayes	<i>Amherst, Mass.</i>	11 Sunset Avenue
Norton, Cyril Francis	<i>Northampton, Mass.</i>	Δ T House
Perkins, Roger Conant	<i>Manchester, Vt.</i>	Φ K Ψ House
Plimpton, Barton Fiske	<i>Hollis, N. Y.</i>	Φ Δ Θ House
Plough, Paul Howard	<i>New York, N. Y.</i>	
	409 Morris Pratt Memorial Dormitory <i>Ridgefield Park, N. J.</i>	Φ Γ Δ House
Proctor, Edward Ross, Jr.	<i>Rochester, N. Y.</i>	A Δ Φ House
Rauschenbusch, Hilmar Ernst	<i>Alpena, Mich.</i>	
†Richardson, Lee King	408 Morris Pratt Memorial Dormitory <i>Brownsville, Pa.</i>	Ψ T House
Robinson, Hayden Dutton	<i>Brooklyn, N. Y.</i>	Δ K E House
Rome, Gardiner H.	<i>White Plains, N. Y.</i>	Φ K Ψ House
Romer, Alfred Sherwood	<i>Somerville, Mass.</i>	Σ Δ P House
Romer, Alfred Sherwood	<i>Crawfordsville, Ind.</i>	Δ K E House
Root, Edward Merrill	<i>New York, N. Y.</i>	X Ψ Lodge
Ross, Raymond Thomas	<i>Pittsburgh, Pa.</i>	15 Amity Street
Sanders, Frank Knight, Jr.	<i>Providence, R. I.</i>	A Δ Φ House
Scandrett, Jay Johnson Morrow	<i>Brooklyn, N. Y.</i>	Σ Δ P House
Schmid, Herbert William	<i>Wellesley Hills, Mass.</i>	X Φ Annex
Shumway, Eric		
Sibley, Walcott Ellis		

†Provisional enrollment.

Sleeper, Frank MacDonald	Wellesley, Mass.	3 Northampton Road
Smith, Harold Addison	Springfield, Mass.	K Θ House
Spear, Irving Lewis	Amherst, Mass.	8 Dickinson Street
Stark, Whitney Williams	Brooklyn, N. Y.	Α Δ Φ House
Swett, Jesse Freeman	Brookline, Mass.	Φ Δ Θ House
Tehan, William Henry	Auburn, N. Y.	15 Amity Street
Temple, Donald Edward	Greenfield, Mass.	Φ K Ψ House
Thomas, Donald Eugene	Attleboro, Mass.	204 Morris Pratt Memorial Dormitory
Vaughn, Herbert Getty	Fort Ann, N. Y.	Φ Γ Δ House
Vielbig, Joseph Frederick	Brooklyn, N. Y.	Mount Doma
Wadhams, Robert Wiltsie	Pittsford, N. Y.	308 Morris Pratt Memorial Dormitory
Wells, Henry Willis	New York, N. Y.	Φ Δ Θ House
Whitcomb, John Leonard	Brockton, Mass.	5 Northampton Road
Widmayer, Theodore L.	New York, N. Y.	15 Amity Street
Wilbar, Wadsworth	Taunton, Mass.	209 Morris Pratt Memorial Dormitory
Williams, Palmer Champney	Taunton, Mass.	405 Morris Pratt Memorial Dormitory
Witney, William Reilly	Brockport, N. Y.	Φ Γ Δ House
Woodward, Rufus Stanley, Jr.	Worcester, Mass.	Δ K E House
Yawger, Marmaduke Rogers	Brooklyn, N. Y.	Θ Δ X House

FRESHMAN CLASS

Aiello, Gaetano Rudolph	<i>Hoboken, N. J.</i>	104 Morris Pratt Memorial Dormitory
*Arnold, Philip Rhodes	<i>Providence, R. I.</i>	21 South College
Atkinson, Arthur Thomas	<i>Mt. Holly, N. J.</i>	5 South College
Babcock, Augustus Emerson, Jr.	<i>Rochester, N. Y.</i>	22 South College
Bailey, Albert Ware	<i>Worcester, Mass.</i>	11 South College
Barber, Kenneth Warham	<i>Windsor, Conn.</i>	32 North College
Beach, William Howard	<i>Rochester, N. Y.</i>	5 North College
Bednarski, Roger Edward	<i>South Deerfield, Mass.</i>	A North College
Bemis, Raymond Guilford	<i>Brookline, Mass.</i>	110 Morris Pratt Memorial Dormitory
Bennet, Augustus Witschiet	<i>New York, N. Y.</i>	304 Morris Pratt Memorial Dormitory
Benneyan, George	<i>White Plains, N. Y.</i>	15 North College
Bentley, Raymond P.	<i>Brookline, Mass.</i>	11 North College
Billings, Dwight Brinkerhoff	<i>Amherst, Mass.</i>	A South College
Bixler, David Daniel	<i>Hanover, Penn.</i>	6 North College
†Blair, Earle Franklin	<i>Amherst, Mass.</i>	12 Northampton Road
Blair, Roy Richardson	<i>Amherst, Mass.</i>	12 Northampton Road
Boardman, Thomas Bradford	<i>Hartford, Conn.</i>	15 Amity Street
Bogart, Frank E., Jr.	<i>Detroit, Mich.</i>	26 South College
Brackett, Roger Arnold	<i>Brattleboro, Vt.</i>	103 Morris Pratt Memorial Dormitory
Brainerd, John Bliss, Jr.	<i>Brookline, Mass.</i>	29 South College
Bratt, Charles Henry	<i>Grand Rapids, Mich.</i>	31 South College
Breed, Philip Munro	<i>Lynn, Mass.</i>	207 Morris Pratt Memorial Dormitory
Brinkerhoff, Robert Joris	<i>West Springfield, Mass.</i>	27 South College
Butler, Franklin Coit	<i>Providence, R. I.</i>	26 South College
Campbell, James Ellsworth	<i>Indiana, Pa.</i>	12 North College
†deCastro, Ralph Ellison	<i>New York, N. Y.</i>	6 Northampton Road
Chanin, Charles	<i>Brooklyn, N. Y.</i>	19 Main Street
Chapman, Charles Wesley, Jr.	<i>Waterloo, Ia.</i>	13 South College
Chase, Paul Addison	<i>Brattleboro, Vt.</i>	101 Morris Pratt Memorial Dormitory
Christie, Wallace Thurston	<i>Paterson, N. J.</i>	1 Woodside Ave.
Churukian, Vahan Atdashes	<i>Paterson, N. J.</i>	31 Amity Street

*Special student.

† Provisional enrollment.

Cornell, George Washington, Jr.	<i>Brooklyn, N. Y.</i>	23 North College
Cross, Gorham Lamont	<i>Utica, N. Y.</i>	
	205 Morris Pratt Memorial Dormitory	
Durham, Charles Henry, Jr.	<i>Schenectady, N. Y.</i>	30 South College
Ellinwood, Ralph E.	<i>Bisbee, Ariz.</i>	
	406 Morris Pratt Memorial Dormitory	
Elwood, John Warden	<i>Rochester, N. Y.</i>	5 North College
Estey, Jacob Poor	<i>Brattleboro, Vt.</i>	
	101 Morris Pratt Memorial Dormitory	
Evans, James Baxter	<i>Columbus, Ohio</i>	27 North College
Fredericks, James Torrey	<i>Bradford, Pa.</i>	12 North College
Garrett, John B.	<i>St. Laurens, S. C.</i>	1 North College
Getty, Francis William	<i>Winchester, Mass.</i>	
	112 Morris Pratt Memorial Dormitory	
Gillies, John Sinclair	<i>Brooklyn, N. Y.</i>	23 North College
Godwin, Richard Kenneth	<i>Amherst, Mass.</i>	23 Lincoln Ave.
Golomb, Elhanan Hirsh	<i>Northampton, Mass.</i>	
Goodrich, Carter Lyman	<i>Plainfield, N. J.</i>	
	311 Morris Pratt Memorial Dormitory	
Greene, Edward Barrows	<i>Upper Montclair, N. J.</i>	
		23 South College
Greene, Theodore Meyer	<i>Oberlin, Ohio</i>	23 South College
Hall, Merwin Porter	<i>Brookline, Mass.</i>	
	406 Morris Pratt Memorial Dormitory	
Harris, Alvin Emerson	<i>Shelburne Falls, Mass.</i>	
		183 So. Pleasant St.
Haven, Alfred Coles, Jr.	<i>Lake Forest, Ill.</i>	22 South College
Herbert, Richard John	<i>Auburn, N. Y.</i>	17 South College
Hobensack, Wilkins Carlisle	<i>Ivyland, Pa.</i>	2 South College
*Holt, Arthur Ratcliffe	<i>Newton Center, Mass.</i>	
		21 South College
Houghton, Augustus Sherrill	<i>Tarrytown-on-Hudson, N. Y.</i>	
		8 South College
*Hughes, Robert E.	<i>Montclair, N. J.</i>	17 South College
*Hunneman, Dexter Richards	<i>Brookline, Mass.</i>	15 Amity Street
Hunter, Robert Leslie	<i>Philadelphia, Pa.</i>	Snell Street
Jackson, Gardner	<i>Colorado Springs, Colo.</i>	
		21 North College
Johnson, Harold F.	<i>New York, N. Y.</i>	

*Special Students.



PRATT GYMNASIUM

Kelsey, Robert Pratt	<i>Newton Center, Mass.</i>
	207 Morris Pratt Memorial Dormitory
Kenyon, Owen Henry	<i>Adams, N. Y.</i> 6 South College
Kessler, Don Hursh	<i>Fayetteville, N. Y.</i> 21 North College
Ladd, Henry Andrews	<i>Portland, Ore.</i> 4 North Prospect Street
McDonald, Allen James	<i>New York, N. Y.</i> 11 Parsons Street
Macfarlane, W. Duncan	<i>Albany, N. Y.</i> 29 South College
McGarrahan, Francis Carlisle	<i>Malone, N. Y.</i> 8 North College
Mathews, Frederic	<i>White Plains, N. Y.</i> 30 North College
Matthews, Charles Smith	<i>Brooklyn, N. Y.</i> Gymnasium
Meiklejohn, James Stuart	<i>Pawtucket, R. I.</i>
	108 Morris Pratt Memorial Dormitory
Michener, William Henry	<i>Waynesville, Ohio</i>
	3 Northampton Road
Moore, Murray Stuart	<i>Hudson, Mass.</i>
	411 Morris Pratt Memorial Dormitory
Morehouse, Andrew Richmond	<i>Oakwoods, N. C.</i> 15 South College
Morehouse, Edward Ward	<i>Springfield, Mass.</i> 9 South College
Myers, Ralph W.	<i>Hyde Park, N. Y.</i>
	309 Morris Pratt Memorial Dormitory
Nisbet, Thomas Morgan	<i>Brooklyn, N. Y.</i> 23 North College
Olmstead, Frank Thompson	<i>Norwood, Mass.</i> 10A South College
Orrell, Burton,	<i>Brooklyn, N. Y.</i> 16 Maple Avenue
Parkhurst, Morrill Holden	<i>Amherst, Mass.</i> 29 North College
Parsons, Truxton Homans	<i>Waterford, N. Y.</i> 17 South College
Partenheimer, Joseph Everard	<i>Greenfield, Mass.</i> Chemical Laboratory
Patton, Robert Ferry, Jr.	<i>Highland Park, Ill.</i> 13 South College
Peabody, Walter Richardson	<i>White Plains, N. Y.</i> 15 North College
*Pieper, Clifford Emil	<i>Providence, R. I.</i> 2 South College
Pratt, Waldo Elliott, Jr.	<i>Wellesley Hills, Mass.</i>
	112 Morris Pratt Memorial Dormitory
Prince, Leonard Morton	<i>Chicago, Ill.</i> 22 North College
Quill, John Henry	<i>North Brookfield, Mass.</i>
	B South College
Redmond, Daniel George	<i>Philadelphia, Pa.</i> Snell Street
Roberts, Marshall Elbert	<i>White Cottage, Ohio</i> 31 South College
Rogers, Rollin W.	<i>Cohoes, N. Y.</i> 17 Amity Street
Rogers, William Garland	<i>Springfield, Mass.</i> 5 South College
Saunders, Allen Frederic	<i>Amherst, Mass.</i> Pratt Cottage

*Special student.

Schmidt, Rudolf Walter	<i>Northfield, Minn.</i> 305 Morris Pratt Memorial Dormitory <i>Springfield, Mass.</i> 25 South College <i>Amherst, Mass.</i> 5 Dana Street <i>Holyoke, Mass.</i> <i>Port Jefferson, N. Y.</i> 402 Morris Pratt Memorial Dormitory <i>Newark, N. J.</i> <i>Northampton, Mass.</i> <i>New York, N. Y.</i> 304 Morris Pratt Memorial Dormitory <i>Catskill, N. Y.</i> 4 Lessey Street <i>Auburn, N. Y.</i> 17 South College <i>Portsmouth, N. H.</i> 312 Morris Pratt Memorial Dormitory <i>Southboro, Mass.</i> 312 Morris Pratt Memorial Dormitory <i>Lawrenceville, N. J.</i> Snell Street <i>Riverhead, N. Y.</i> 305 Morris Pratt Memorial Dormitory <i>Red Hook, N. Y.</i> 309 Morris Pratt Memorial Dormitory <i>Worcester, Mass.</i> 402 Morris Pratt Memorial Dormitory <i>Newark, N. Y.</i> C South College <i>New Haven, Conn.</i> 102 Morris Pratt Memorial Dormitory <i>Salem, Mass.</i> 14 North College <i>Pawtucket, R. I.</i> 108 Morris Pratt Memorial Dormitory <i>Ocean Grove, N. J.</i> 27 South College <i>New York, N. Y.</i> 104 Morris Pratt Memorial Dormitory <i>Holyoke, Mass.</i> 3 Northampton Road <i>Columbus, Ohio</i> 27 North College <i>St. Louis, Mo.</i> Chi Phi Annex <i>Ceredo, W. Va.</i> 7 South College <i>Springfield, Mass.</i> 25 South College <i>Elmira, N. Y.</i> 205 Morris Pratt Memorial Dormitory <i>Auburn, N. Y.</i> D North College
Seamans, Chester Gladding	
See, Philip Hudson	
Shepro, Harry	
Smith, Elmer Gillman	
Stanton, Clarence L.	
Stimson, Horace Pottle	
Stitt, William Britton	
Story, Robert William	
Taber, William Russell	
Thayer, Lucius Ellsworth	
Thayer, Sigourney	
Thompson, William Ladd	
Tooker, Winfred Clyde	
Traver, Clarence Hoffman	
Tylee, Arthur Francis	
Van Dyck, Rawdon Myers	
Warren, James Carey	
Washburn, William Crocker	
Wätjen, Harold Palmer	
Wheeler, Harry Fairchild	
White, Owen Sheppard	
Whiting, Edward Chapin	
Williams, Morris Holliday,	
†Willis, Barnard	
Wright, Charles Silliman	
Yerrall, William Wood	
Young, Clifford John	
Youtz, Philip Newell	

Summary of Enrollment

GRADUATE STUDENTS	2
FELLOWS	3
SENIORS	96
JUNIORS	85
SOPHOMORES	110
FRESHMEN	120
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TOTAL	416

CLASSIFICATION BY RESIDENCE

Massachusetts	140	Arizona	2
New York	127	Indiana	2
New Jersey	24	Iowa	2
Pennsylvania	23	Maine	2
Connecticut	16	Oregon	2
Illinois	12	Wisconsin	2
Ohio	11	California	1
Rhode Island	10	Colorado	1
Michigan	8	Florida	1
Vermont	7	Kentucky	1
Missouri	4	North Carolina	1
Minnesota	4	South Carolina	1
Nebraska	3	Texas	1
New Hampshire	3	Washington	1
District of Columbia	3	West Virginia	1
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Total			416

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, accounts of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

ALUMNI PUBLICATIONS

The Amherst Graduates' Quarterly is published in October, January, April and June. It contains articles of educational value, news of the Alumni, accounts of under-

graduate activities, reviews of books, and various matters of interest to Alumni. Communications for the Editor should be addressed to Prof. John F. Genung, Amherst, Mass. All business communications and subscriptions should be sent to *Amherst Graduates' Quarterly*, Amherst, Mass.

Railroad Connections

THE Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

VISITORS

Visitors are always welcome at Amherst College. During the months of July and August the college employs a student guide who may be found at the Christian Association Rooms from eight-thirty A.M. to five-thirty P.M. The services of the guide are without fee.

During the remainder of the year a guide will be furnished upon application at the Registrar's Office.

INFORMATION

All requests for information should be addressed to the Registrar, Amherst College, Amherst, Mass.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

President: REV. NEHEMIAH BOYNTON, '79.

Vice-Presidents:

Professor EDWIN A. GROSVENOR, '67

COLLIN ARMSTRONG, '77

HENRY P. FIELD, ESQ., '80

JOHN P. CUSHING, '82

GEORGE B. MALLON, '87

ISAAC PATCH, '97

Secretary and Treasurer:

FREDERICK S. ALLIS, '93, Amherst

Chairman of Committee on Alumni Trustees:

Rev. JASON N. PIERCE, '02

Executive Committee:

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Professor JOSEPH O. THOMPSON, '84

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Professor H. NORMAN GARDINER, '78

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EASTERN ASSOCIATIONS

The Association of Boston and Vicinity

- President:* ROBERT A. WOODS, South End House
Secretary: HAROLD C. KEITH, 1224 Main St., Campello,
Mass.

The Association of Lowell

- President:* REV. JOHN M. GREENE, 82 Pinckney St., Boston
Secretary: CHARLES W. MOREY, 14 Belmont St., Lowell

The Association of Central Massachusetts

- President:* Prof. GEORGE H. HAYNES, Worcester Polytechnic Institute, Worcester
Secretary: Dr. GORDON BERRY, 28 Trowbridge Road, Worcester

The Connecticut Valley Association,

- President:* Dr. HERBERT C. EMERSON, 177 State St., Springfield
Secretary: GEORGE R. YERRALL, 88 Maplewood Ave. Springfield

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- President:* Prof. CHARLES S. LANE, West Hartford
Secretary: FRED R. GILPATRIC, 129 Black Rock Road, New Britain

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Secretary: JOHN L. VANDERBILT, Englewood, N. J.

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Secretary: C. FRANCIS BEATTY, Pratt Works, Long Island City

The Association of Central New York

President: JONAS S. VAN DUZER, Horseheads
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Secretary: EDWARDS L. CLEAVELAND, 630 Humboldt Parkway, Buffalo

The Rochester Club

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Secretary: WILLIAM J. BABCOCK, Brighton Station

The Association of Philadelphia and Vicinity

President: Rev. CHARLES E. BRONSON, D.D., 4050 Aspen St.
Secretary: THEODORE W. SECKENDORF, 1353 South Lindenwood St., West Philadelphia

The Association of Washington

President: Hon. ASHLEY M. GOULD, 1931 16th St., N. W.
Secretary: BARRY BULKLEY, Cosmos Club

The Association of Western Pennsylvania

President: WILLIAM D. EVANS, Esq., Oliver Build., Pittsburgh

Secretary: KENNETH R. CUNNINGHAM, Esq., Suite 501-3, Frick Build., Pittsburgh

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President: CHARLES K. ARTER, Esq., Marshall Build.

Secretary: CHARLES W. DISBROW, University Club

The Amherst Club of Chicago

President: GEORGE H. McILVAINE, Hubbard Woods, Ill.

Secretary: JOHN H. STEVENS, 111 West Monroe St., Chicago

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President: CHARLES F. ADAMS, 34 Selden Ave., Detroit

Secretary: WILLIAM A. SLEEPER, 1112 Union Trust Build., Detroit

The Northwestern Association

President: JOSEPH R. KINGMAN, Esq., 225 Ridgewood Ave., Minneapolis, Minn.

Secretary: JOSEPH L. SEYBOLD, Wells and Dickey Co., Minneapolis, Minn.

The Association of Des Moines

President: RICHARD R. ROLLINS, care of "The Shops"

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The Association of the Southwest

President: Dr. GEORGE E. BELLOWS, 429 Rialto Build.,
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Secretary: EDWARD W. KIDDER, 4131 Mercier St., Kansas
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The Association of Nebraska

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Omaha

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The Rocky Mountain Association

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Secretary: FRED P. SMITH, Esq., 206 Tramway Build.,
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The Association of Arizona

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Third and Spring Sts., Los Angeles

The Association of Washington

President: D. BERTRAND TREFETHEN, Esq., 614 Coleman
Build., Seattle

Secretary: Dr. PAUL A. TURNER, 805 American Bank Build.,
Seattle

Amherst College

The Association of Northern California

President: Prof. WILLIAM A. MERRILL, Ph.D., LL.D., 2609
College Ave., Berkeley

Secretary: WILLARD P. SMITH, Esq., 1700 Call Build., San
Francisco

Amherst Club of Northwestern Ohio

President: ALEXANDER L. SMITH, 51-54 Produce Exchange,
Toledo

Secretary: DONALD P. SMITH, 2459 Collingwood Ave.,
Toledo

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